SAN FRANCISCO

MUNICIPAL REPORTS

FOR THE

FISCAL YEAR 1916-17, ENDED JUNE 30, 1917

PUBLISHED BY ORDER OF THE

BOARD OF SUPERVISORS

SAN FRANCISCO
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BOOKBINDERS

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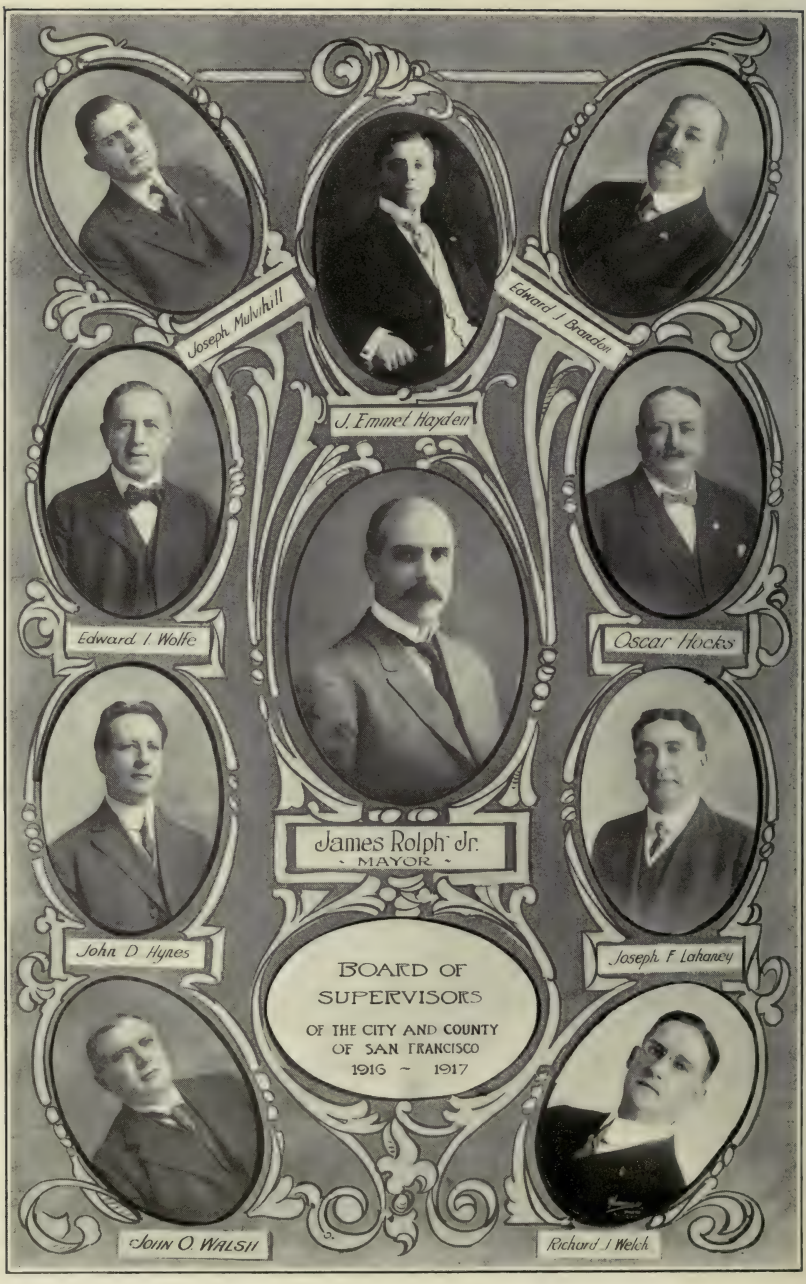

Joseph Mulvihill
J. Emmet Hayden
Edward J. Brandon
Edward I. Wolfe
James Rolph Jr.
- MAYOR -
Oscar Hocks
John D. Hynes
BOARD OF
SUPERVISORS
OF THE CITY AND COUNTY
OF SAN FRANCISCO
1916 ~ 1917
Joseph F. Lahaney
John O. Walsh
Richard J. Welch

Edward L. Nolan
JAMES E. POWER
Andrew J. Gallagher
JOHN C. KORTICK
FRED L. HILMER
SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO
FRED SUHR JR.
RALPH Mc LERAN
BOARD OF SUPERVISORS
OF THE CITY AND COUNTY OF SAN FRANCISCO
1916 ~ 1917
CHARLES A. NELSON
CORNELIUS J. DEASY

Auditor's Report

CITY AND COUNTY OF SAN FRANCISCO, OFFICE OF THE AUDITOR.

January 2, 1918.

Hon. James Rolph, Jr.,
Mayor, City and County of San Francisco.

Dear Sir:

In compliance with Article XVI, Section 9, of the Charter of the City and County of San Francisco, I have the honor to submit herewith the report of the Auditor for the fiscal year ending June 30, 1917.

The report as submitted covers all financial transactions during the said year, and such other information as the Auditor is required by law to include in his statement.

Respectfully submitted,

THOS. F. BOYLE,
Auditor.

AUDITORS OF THE CITY AND COUNTY OF SAN FRANCISCO, AND THE TERM OF THEIR INCUMBENCY FROM 1850 TO 1920.

B. L. Berry 1850
G. A. Hudson 1851
J. W. Stillman 1852
R. Matthewson 1852
S. R. Harris 1853
W. Sherman 1854
A. J. Moulder 1855
F. D. Kohler 1856
E. Mickle 1857-1860
Henry M. Hale 1861-1868
Thos. M. Holt 1869-1870
Monroe Ashbury 1871-1875
G. F. Maynard 1876-1878
Colin M. Boyd 1879
Jno. P. Dunn 1879-1881
Henry Brickwedel 1882
Wm. M. Edgar 1882-1884
Fleet F. Strother 1885-1890
David Stern 1891
Thos. J. L. Smiley 1891-1892
Wm. Broderick 1893-1898
Asa R. Wells 1899-1901
Harry Baehr 1902-1905
S. Horton 1906-1907
John A. Koster 1908-1909
Thos. F. Boyle 1910-1920

AUDITOR'S
BUDGET ESTIMATE
OF
EXPENDITURES AND REVENUE
OF THE
CITY AND COUNTY OF SAN FRANCISCO

Fiscal Year 1917-1918

Submitted to the Board of Supervisors, May 1, 1917, by
THOMAS F. BOYLE, Auditor

CITY AND COUNTY OF SAN FRANCISCO

Office of the Auditor
May 1, 1917.

Honorable BOARD OF SUPERVISORS,
San Francisco, California.

Gentlemen:

In compliance with the Charter of the City and County of San Francisco, Article III, Chapter I, Section II, I submit herewith my estimate, in detail, of the probable expenses and revenues for financial operation for the ensuing fiscal year 1917-18, together with an abstract of the estimated total expenses for each department.

The compilation of these estimates has been made, as heretofore, in conformity with the plans suggested and advocated by the United States Bureau of Census and Statistics, explained to you in the communication accompanying each budget prepared and submitted by me since I assumed the duties of Auditor, and which, I am pleased to note, has been closely followed (as to the general plan) by the experts engaged by your committee to install a "new" system of accounting.

In the Budget Estimate you will see as heretofore that each item of expense is segregated, coded and arranged under its proper department and classification, to serve not only as an invaluable guide to you, but also to provide a form which will enable the municipal offices, as well as the uninitiated, to arrive at the unit cost.

Owing to the world-wide disturbances, affecting conditions in all municipalities, I have refrained from recommending appropriations for any purpose whatsoever not absolutely necessary to the public welfare.

Normal conditions having been restored in the city, and the buildings and improvements provided for by the bond issues having been completed, to-wit—Hospitals, Jail, City Hall, Hall of Justice, Public Library, Fire Protection System, Municipal Railway, Schools and Sewers—afford a sufficient explanation of my attitude in either eliminating certain bureaus under the direction of the Board of Public Works, or reducing the force of employes engaged therein to correspond with that which obtained in 1908.

For example: As a result of my investigations I find that the Bureau of Architecture is fully equipped and I believe is competent and able to prepare all plans necessary for the construction of new buildings likely to be required by the City. For this reason I would recommend that no outside architects be engaged. A large sum (exceeding $100,000) was paid for this outside service last year. If, however, it shall be the policy of the Board of Public Works to continue to engage outside architects, then it is my recommendation that the Bureau of Architecture be completely abolished. I also recommend that the Special Building Inspectors, provided for under the different bond issues or special appropriations, be entirely done away with and all of this service be performed by the inspectors now employed under the Bureau of Building Inspection, the present force being sufficient for that purpose.

The Bureau for Special Emergency Sanitary Measures is no longer required as the emergency which called it into being has ceased. Should occasion arise for this class of work it can be performed by the permanent Bureau of Inspection.

For the reason that a new Charter amendment provides for only one election annually, I have recommended a considerable reduction in the appropriation allotted to the Department of Elections. Should a special election be called, a fund of $50,000 has been provided for that purpose.

I wish to invite particular attention to the Police and Firemen's Relief Pension Funds, to the end that the greatest care shall be observed in their administration. The rapid and startling increase in the sums paid out in this connection ($128,000 in 1909 having grown to more than $227,000 for this fiscal year) constitutes a positive menace to the future adequacy of these funds to serve as secure protection for those retired

on the age limit. That this may be in a measure safeguarded through the adoption of a modified form of the plan of the federal government in recalling, when needed, its retired officers, appeals to me as feasible. There are numerous men drawing pensions who are able to and do engage in active work and are thoroughly able to undertake the duties of inside positions now being performed by able-bodied men.

I have recommended the sum of $1,758,540 for Streets and Lighting, Sewers and Highways, and have made a separate appropriation of $117,800 for the Engineering and Survey Departments, constituting a total of $1,876,340.

I have based my estimate of revenue for the year 1917-18 on an assessed valuation of $546,000,000, which is an advance of only $4,000,000 over last year's assessment. There have been during the past year building permits issued representing $15,000,000 of improvements. There has also been an abnormal increase in the values of commodities, reaching in the majority of instances fully one hundred per cent, so that after making a liberal allowance for depreciation of buildings, an increase of only $4,000,000 appeals to me as being ultra-conservative.

A large percentage of the realty value increase is shown in the single item of the Exposition lands. The area occupied by the Panama-Pacific International Exposition was assessed in 1911 in the sum of $1,476,400, when a considerable portion of it was under water. During the past six years the assessed valuation was merely nominal, being in the sum of $251,530. The entire property is now reclaimed and unquestionably represents more than double its former value.

You will observe that my Budget estimate involves a tax levy of $2.227 on each $100.00 valuation, which is $.1015 less than the Charter limitation. If in your judgment you decide to provide for possible increases in cost of living, war emergencies and improvement activities, which I have not taken into consideration, and fix the tax levy at the Charter limit you will then have the sum of $554,190 to meet such contingencies.

From a personal survey of the entire situation I am profoundly impressed with the grave injustice evident in the wide differences existing in the salaries paid to employes of the several departments of the city government. I respectfully call your attention to Section III, Chapter I, Article VI, of the Charter, in which the following clause appears: "* * * but no compensation to any employe shall be greater than is paid in the case of similar employments." In order to establish my contention in this particular, I submit herewith a schedule showing the total salary roll of the eight highest paid men performing clerical duties in the Auditor's department, the Board of Public Works and the Board of Supervisors:

Comparative Monthly Salary Roll of Clerical Employes

Auditor's Office	Board of Supervisors	Board of Public Works
$200.00	$350.00	$325.00
200.00	300.00	300.00
200.00	300.00	275.00
150.00	250.00	275.00
150.00	250.00	225.00
150.00	250.00	225.00
150.00	200.00	200.00
150.00	200.00	200.00
$1350.00	$2100.00	$2025.00

Section I, Chapter II, Article IV, of the Charter designates the Auditor as the head of the Finance Department of the City and County. For this reason I am referring to the Auditor's force as a standard of efficiency. The Auditor's employes included in the stated number have been continuously employed from 12 to 25 years, are thoroughly competent to transact the duties of the office, and, as in this department are kept the accounts of all departments, while employes in other offices have only matters pertaining to a single department to discuss, the Auditor's force is recognized as expert in municipal accounting. At the same time to my personal knowledge there are employes engaged in the offices of the County Clerk, Recorder, Tax Collector, Assessor, etc., who are thoroughly efficient and who having entered the city's employ twenty years ago, have faced years of faithful service without the stimulus of hope of increase. These men are equal in efficiency with those employes so fortunate as to be employed in department where the Charter permits such departments to fix and arbitrarily increase the salaries. This discloses so manifestly unjust attitude on the part of the municipality in the treatment accorded to employes of acknowledged efficiency that I urgently recommend to your honorable body the appointment of a Bureau for the Standardization of Salaries, which shall be free from bias and otherwise be capable of determining the capacities of men and the value of services rendered. The correction of this condition will not necessarily involve any increase in the total of salaries paid, but will regulate salaries by merit and not by individual preferment in the face of seniority of service and higher capabilities.

As Auditor of the City and County of San Francisco it does not lie within my authority to correct inequalities or to refuse to withhold approval of salary demands, but I do feel it incumbent upon me, in the interest alike of the public and its employes, to strive through suggestion to establish equitable conditions in the particular premises under discussion.

Respectfully submitted,

THOS. F. BOYLE,
City and County Auditor.

AUDITOR'S ESTIMATE

of Probable Expenditures and Revenue for the Fiscal Year 1917-1918.

GENERAL GOVERNMENT

Legislative Department (Supervisors).

Code			
	Salaries—		
A–11	18 Supervisors at $2400 each	$ 43,200.00	
"	Clerk	4,200.00	
"	Expert Accountant	3,600.00	
"	Assistant Chief Clerk	3,000.00	
"	Bond and Ordinance Clerk	3,000.00	
"	Superintendent of Supplies	3,000.00	
"	3 Assistant Clerks at $2,400 each	7,200.00	
"	3 Assistant Clerks at $2,100 each	6,300.00	
"	Stenographer, Finance Committee	2,100.00	
"	3 Assistant Clerks at $1,800 each	5,400.00	
"	Stenographer	1,500.00	
"	Stenographer	1,200.00	
"	Telephone Operator—Office	1,200.00	
"	Telephone Operator, Superior Court	1,200.00	
"	Sergeant at Arms	1,440.00	
"	Chauffeur	1,500.00	
			$ 89,040.00
A–25	Finance Committee Expenses—		
	Examining books and proceedings of corporations having dealings with the Municipal Government	4,000.00	
B–7	General Expenses—		
	Advertising Resolutions and Ordinances	17,000.00	
H–1	Dues to League of Municipalities	60.00	
H–4	Premium on Official Bonds	295.00	
B–6	Printing Public Documents	7,500.00	
K–9	Urgent Necessity	50,000.00	
D–1	Stationery	2,500.00	
B–6	Printing Municipal Reports	3,500.00	
D–1	Books and Binding	300.00	
B–9	Contingencies—Incidentals	2,700.00	
			87,855.00

Total Supervisors $176,895.

GENERAL GOVERNMENT—Continued

Code			
	Miscellaneous.		
D–9	License Tags and Numbers	3,000.00	
H–1	Celebration 4th of July	2,500.00	
"	Memorial Day Observance	500.00	
"	Municipal Concerts (Band)	10,000.00	
			$ 16,000.00
D–1	Block Books	3,500.00	
			3,500.00
	Executive Department.		
A–11	Mayor	6,000.00	
"	Secretary	2,400.00	
"	Assistant Secretary	2,100.00	
"	Stenographer	1,500.00	
"	Stenographer	1,200.00	
"	Stenographer	900.00	
"	Telephone Operator	1,020.00	
"	Usher	900.00	
"	Chauffeur	1,500.00	
			17,520.00
K–9	Contingent Expense	3,600.00	
K–9	Incidentals	1,740.00	
B–7	Advertising	300.00	
H–4	Premium on Official Bonds	62.50	
D–1	Stationery and Printing	300.00	
B–31	Postage	350.00	
	Total $23,872.50.		6,352.50
	Assessment and Revenue Department.		
	Assessor's Office.		
A–11	Assessor	8,000.00	
"	Chief Deputy	2,400.00	
"	Cashier	1,800.00	
"	Assistant Deputies—4 at $2,100 each	8,400.00	
"	Assistant Deputies—4 at $1,800 each	7,200.00	
"	Assistant Deputies—18 at $1,500 each	27,000.00	
"	Cartographer	1,800.00	
A–12	Extra Clerks as may be required	45,000.00	
			101,600.00
B–2	Expense Livery and Auto Hire	1,650.00	
D–1	Stationery, Printing	4,000.00	
B–31	Postage	1,500.00	
H–4	Premium on Official Bonds	250.00	
	Total $109,000.		7,400.00

GENERAL GOVERNMENT—Continued

Finance Department.

Code			
	Auditor's Office.		
A–11	Auditor	4,000.00	
"	Chief Deputy	2,400.00	
"	Additional Deputies—3 at $2400 each	7,200.00	
"	Deputies—4 at $1,800 each, 1 at $2,100	9,300.00	
"	Additional Deputies—2 at $1,500 each	3,000.00	
"	Clerks—2 at $1,200 each	2,400.00	
"	Stenographer and Bond Clerk	1,500.00	
"	Telephone Operator	1,020.00	
A–25	Attorney's Fees	1,800.00	
			32,620.00
	Expense—		
K–9	Incidentals	400.00	
D–1	Stationery and Printing	1,000.00	
B–31	Postage	260.00	
H–4	Premium on Bonds	175.00	
			1,835.00
A–12	Assessment Book — State Revenue Laws)—Extending Valuations and Tax, computing and compiling Reports for State. Officers, Experting Widows' and Orphans' Claims, Preparing and Computing State Operative Roll, etc.	8,500.00	
			8,500.00

Total $42,955.00.

Treasurer's Office.

A–11	Treasurer	4,000.00	
"	Chief Deputy	2,400.00	
"	Bank and Bond Deputy	3,000.00	
"	Deputy	2,400.00	
"	Deputy	2,400.00	
"	Clerks—2 at $1,800 each	3,600.00	
"	Clerk	1,200.00	
"	Coupon Clerk	1,800.00	
"	Bookkeeper	2,400.00	
"	Bookkeeper's Assistant	1,800.00	
"	Cashier	3,600.00	
			28,600.00

GENERAL GOVERNMENT—Continued

Treasurer's Office—Continued.

Code			
	Expense—		
B–7	Advertising	250.00	
B–12	Auto Hire	150.00	
B–2	Freight	200.00	
D–1	Stationery	600.00	
B–31	Postage	80.00	
H–4	Premium on Official Bonds	1,000.00	
K–9	Incidentals	150.00	
			2,430.00

Total $31,030.

License and Tax Revenue.

A–11	Tax Collector	4,000.00	
"	Chief Deputy	2,400.00	
"	Cashier	2,400.00	
"	Deputies—13 at $1,500 each	19,500.00	
"	Deputies—3 at $1,800 each	5,400.00	
"	Special Deputy—License Adjuster	1,800.00	
"	Special Deputy—Bookkeeper	1,800.00	
"	Assistant Cashiers—2 at $1,800 each	3,600.00	
"	Expert Searchers—2 at $1,800 each	3,600.00	
"	Accountant	2,400.00	
"	Temporary Cashiers—4 at $150 per mo., 2 months	1,200.00	
"	Acting Deputies	12,500.00	
"	Stenographer	1,380.00	
"	Extra Clerks	5,920.00	
			67,900.00
	Expense—		
B–7	Advertising	500.00	
B–7	Printing Delinquent List	1,500.00	
D–1	Stationery	2,600.00	
D–31	Postage	400.00	
B–2	Transportation and Incidentals	500.00	
H–4	Premium on Official Bonds	500.00	
			6,000.00

Total $73,900

Coroner's Office.

A–11	Coroner	4,000.00	
"	Chief Deputy	2,400.00	
"	Autopsy Physician	2,400.00	
"	Assistant Deputies—3 at $1,500 each	4,500.00	

GENERAL GOVERNMENT—Continued

Code			
	Coroner's Office—Continued.		
A–11	Stenographer	1,800.00	
"	Assistant Stenographer & Typewriter	1,500.00	
"	Toxicologist	1,200.00	
"	2 Drivers of Van—Assistant Deputies at $1,200 each	2,400.00	
"	Female Deputy	1,020.00	
"	Matron and Night Clerk	1,020.00	
"	Matron and Clerk	1,020.00	
"	Morgue Tender	1,080.00	
			24,340.00
	Expense—		
D–6	Auto Supplies	500.00	
D–7	Drugs and Chemicals	400.00	
D–4	Dry Goods, etc.	200.00	
B–2	Garbage Removal	40.00	
K–9	Incidentals	250.00	
B–9	Laundry	350.00	
B–31	Postage	35.00	
H–4	Premium on Official Bonds	25.00	
A–29	Recovery of bodies from bay	400.00	
D–1	Stationery	340.00	
D–3	Telephone Service	60.00	
			2,600.00
	Total $26,940.		
	Civil Service and Efficiency.		
A–11	Commissioners—3 at $1200 each	3,600.00	
"	Chief Examiner-Secretary	2,400.00	
"	Chief Examiner-Assistant	1,800.00	
"	Clerks—2 at $1500 each	3,000.00	
"	Chief Inspector of Efficiency	2,400.00	
"	Assistant Inspector of Efficiency	2,400.00	
"	Assistant Inspector of Efficiency	1,500.00	
"	Special Examiners	2,000.00	
"	Stenographer	1,200.00	
			20,300.00
	Expense—		
B–7	Advertising	250.00	
B–12	Auto Hire and Incidentals	100.00	
B–6	Printing and Stationery	1,500.00	
B–31	Postage	250.00	
			2,100.00
	Total $22,400.		

Code	GENERAL GOVERNMENT—Continued		
	Department of Elections.		
A–11	Commissioners—5 at $1,000 each	5,000.00	
"	Registrar of Voters	4,000.00	
"	Chief Deputy	2,400.00	
"	Chief Clerk	2,400.00	
"	Office Deputies—6 at $1,800 each	10,800.00	
"	Mechanic-Clerk	1,200.00	
"	Carpenter	1,800.00	
"	Storekeeper	1,500.00	
"	Stenographers—2 at $1,200	2,400.00	
A–12	Deputies (additional)	52,000.00	
			83,500.00
A–12	Election Officers	18,750.00	
"	Poll Clerks	12,000.00	
			30,750.00
	Expense—		
B–7	Advertising	2,000.00	
B–12	Auto Hire and Transportation	730.00	
B–2	Hauling and Erecting Booths	8,000.00	
B–31	Postage	6,000.00	
B–2	Delivery of Supplies	500.00	
B–6	Printing Sample Ballots	5,300.00	
B–6	Printing Index	4,000.00	
D–1	Ballot Paper	2,500.00	
B–6	Binding Records	750.00	
B–6	Printing Guides and Election Laws	900.00	
B–6	Printing Affidavits for Registration	2,500.00	
B–8	Repairs to Equipment and New Plates	3,000.00	
D–1	Stationery	2,800.00	
T–9	New Equipment	8,950.00	
			47,930.00
	Total $162,180.		
	Department of Public Works.		
	Administrative.		
A–11	Commissioners—3 at $4,000 each	12,000.00	
"	Deputy Commissioner	3,000.00	
"	Experienced Clerk	3,000.00	
"	Ordinary Clerk	2,400.00	
"	Experienced Clerk	1,800.00	
"	Stenographers—2 at $1,680 each	3,360.00	
"	Stenographer	1,500.00	
"	Messenger	1,500.00	
"	Chauffeur	1,500.00	
			30,060.00

GENERAL GOVERNMENT—Continued

Code			
	Bookkeeping and Accounting—Division "A".		
A–11	Bookkeeper, Chief	3,600.00	
"	Experienced Clerk	2,280.00	
"	Bookkeeper	2,100.00	
"	Ordinary Clerk	1,800.00	
"	Experienced Clerk	1,500.00	
"	Stenographer	1,680.00	
"	Ordinary Clerk	1,800.00	
"	Experienced Clerk — Outside Timekeeper	1,500.00	
"	Experienced Clerk — Outside Timekeeper	1,500.00	
"	General Clerk for Timekeepers	1,200.00	
"	Stenographer	1,500.00	
"	Stenographer	1,200.00	
"	Cashier—Experienced Clerk	2,400.00	
"	Experienced Clerks—2 at $1,800 each	3,600.00	
			27,660.00
	Maintenance Division "D".		
A–11	Experienced Clerk	2,100.00	
"	Experienced Clerk	1,320.00	
"	Experienced Clerks—4 at $1,500 each	6,000.00	
"	Experienced Clerk	1,200.00	
"	Stenographer	1,500.00	
			12,120.00
	Complaint Department.		
A–11	Chief Deputy	3,000.00	
"	Assessment Clerk	2,400.00	
"	Clerk	1,800.00	
"	Inspectors—3 at $2,100 each	6,300.00	
"	Inspectors—2 at $1,800 each	3,600.00	
			17,100.00
	Division "C"—Storekeeping.		
A–11	Storekeeper	2,100.00	
"	General Clerk	1,320.00	
"	Watchman	1,440.00	
"	Watchman	1,080.00	
"	Laborers and Machinist	1,800.00	
"	Watchman—2 at $1,080	2,160.00	
			9,900.00

GENERAL GOVERNMENT—Continued

Code			
	Building Maintenance.		
A–11	Superintendent	3,000.00	
"	Assistant Superintendent	2,700.00	
"	Head Janitor	2,100.00	
"	Head Janitor's Assistant	1,380.00	
"	Head Janitor's Assistant	1,200.00	
"	Janitors and Janitresses City Hall—37 at $1,080 each	39,960.00	
"	Janitors and Janitresses—Hall of Justice and Jails—8 at $1,080 each	8,640.00	
"	Janitors Police Stations—5 at $1,080 each	5,400.00	
"	Board of Health, Detention Hospital and Emergency Hospital—3 Janitors at $1,080 each	3,240.00	
"	Coroner—1 Janitor at $1,080	1,080.00	
"	Chief Engineer, City Hall	2,100.00	
"	Chief Engineer, Hall of Justice	2,100.00	
"	Assistant Engineers—5 at $1,500 each	7,500.00	
"	Elevator Starter	1,200.00	
"	Elevator Operators City Hall—7 at $1,080 each	7,560.00	
"	Elevator Operators at Hall of Justice and Jails—10 at $1,080 each	10,800.00	
"	Firemen Civic Center Power House—4 at $1,200 each	4,800.00	
"	Watchmen City Hall—2 at $1,080 each	2,160.00	
A–12	Relief Firemen—Relief Work	313.00	
"	Relief Engineer—Relief Work	150.00	
"	General Mechanics for all Buildings	10,000.00	
			117,383.00
	Civic Auditorium.		
A–11	Manager	2,400.00	
"	Janitors—5 at $1,080 each	5,400.00	
"	Watchmen—3 at $1,080 each	3,240.00	
			11,040.00
	Expense—		
A–12	Mechanical Help when required	1,200.00	
B–2	Cartage	20.00	
C–4	Hardware	150.00	
C–4	Electric Appliances	250.00	
B–2	Garbage Removal	144.00	
D–8	Floor Wax	100.00	

GENERAL GOVERNMENT—Continued

Code			
	Civic Auditorium—Continued.		
E–1	Heating	3,000.00	
D–8	Janitors' Supplies	550.00	
C–2	Paints and Oils and Material	125.00	
D–8	Paper Towels	56.00	
B–9	Contingents	450.00	
E–5	Water	250.00	
			6,295.00
	Total $17,335.00.		
	Bureau of Architects.		
A–11	Chief Draftsman	3,000.00	
"	Draftsman	2,400.00	
"	Clerk	2,100.00	
"	Surveyor	1,980.00	
"	Stenographer	1,200.00	
	Total $10,680.		10,680.00
	Public Works Transportation.		
B–12	**Automobiles Rentals and Livery.**		
"	Complaint Department Livery	960.00	
"	Superintendent of Buildings Auto	960.00	
"	Superintendent of Buildings Livery	480.00	
"	Architect Auto Hire	960.00	
"	General Office Auto	480.00	
"	Gas Inspector Livery	480.00	
B–53	Storage of Motors	300.00	
D–6	Repairs and Supplies	1,500.00	
B–11	Carfare	2,100.00	
B–12	Building Inspector Auto Hire	2,880.00	
B–12	Livery	960.00	
			12,060.00
	Building Maintenance.		
B–2	Cartage and Hauling	300.00	
D–8	Cleaning Supplies	4,500.00	
D–2	Fuel Oil	10,000.00	
B–8	Repairs and Upkeep Elevators	1,500.00	
B–9	Engine Supplies	1,500.00	
B–9	Elevator Supplies and Hardware	1,200.00	
C–2	Paints, Oils and Brushes	1,200.00	
B–2	Removing Garbage	400.00	
C–4	Plumbing Material	200.00	

GENERAL GOVERNMENT—Continued

Code			
	Building Maintenance—Continued.		
D–8	Towel Service	2,250.00	
C–1	Lumber	500.00	
			23,550.00
	General Office Supplies, etc.		
B–7	Advertising	9,000.00	
B–12	Auto Service	480.00	
B–6	Bookbinding	240.00	
B–31	Postage	800.00	
B–6	Posting Block Books	120.00	
H–4	Premium on Official Bonds	333.50	
B–9	Rent of Safety Box	16.00	
B–6	Directories	37.50	
"	Stationery and Printing	5,000.00	
"	Subscription to Papers	13.00	
B–8	Typewriter and Calculating Machine Repairs	400.00	
			16,440.00
	Maintenance of Photostat Room.		
B-6	Photo Supplies	1,200.00	
"	Paper for Blue Prints, etc.	3,500.00	
A–11	Photographer	1,800.00	
"	Photographer	1,500.00	
			8,000.00
	Rent of Premises.		
H–7	Harbor Hospital	2,700.00	
H–7	Board of Health	4,200.00	
			6,900.00
	Miscellaneous Building Appropriation.		
E–5	Water for Public Buildings	30,500.00	
			30,500.00
T–5	Repairs to City Hall	2,500.00	
			2,500.00
T–1	Furniture for Public Buildings	7,500.00	
			7,500.00
A–11	Telephone Operators City Hall Exchange—		
"	Chief Operator	1,200.00	
"	Assistant Operators, 4 at $1,020	4,080.00	
			5,280.00

GENERAL GOVERNMENT—Continued

Code			
	Lighting Public Buildings Gas & Electricity.		
E–2-3	City Hall and Civic Center	11,000.00	
"	Hall of Justice	9,500.00	
"	Jails	2,000.00	
"	Police Department	2,000.00	
"	Juvenile Home	250.00	
"	Hospitals	3,000.00	
"	Board of Health	300.00	
"	Morgue	1,200.00	
"	Fire Department	8,000.00	
"	Public Libraries	4,000.00	
"	Department of Electricity	1,200.00	
"	Public Works and Bridges	1,200.00	
"	Miscellaneous	4,400.00	
			48,050.00
	(For Lighting Streets—See Highways)		
	Legal Department.		
	Superior Courts.		
A–11	12 Judges at $3,000 each (Civil)	36,000.00	
"	4 Judges at $3,000 each (Criminal)	12,000.00	
"	Secretary	3,000.00	
"	Court Reporters	18,000.00	
"	Messenger	960.00	
			69,960.00
	Expense—		
B–6	Printing Law and Motion Calendar	4,800.00	
B–6	Stationery and Printing	1,200.00	
B–31	Postage	300.00	
B–6	Law Books	200.00	
A–29	Transcribing Testimony, etc., through Court Orders	4,000.00	
			10,500.00
	Police Courts.		
A–11	Judges—4 at $3,600 each	14,400.00	
"	Stenographers—4 at $2,400 each	9,600.00	
"	Interpreters for all Courts	9,600.00	
			33,600.00
	Expense—		
B–6	Stationery	150.00	
			150.00

GENERAL GOVERNMENT—Continued

Legal Department—Continued.

Code			
	Justices of Peace.		
A–11	Judges—5 at $4,200 each	21,000.00	
"	Clerk of Court	3,000.00	
"	Chief Deputy	1,800.00	
"	Cashier	1,800.00	
"	Deputies—3 at $1,500	4,500.00	
"	Messenger	1,500.00	
			33,600.00
	Expense—		
B–31	Postage	300.00	
B–6	Stationery and Printing	800.00	
			1,100.00
	Jury Fees and Witnesses' Expenses.		
A–21-22	Jury Fees—Trial Jurors	27,000.00	
B–2	Transportation and Meals	1,700.00	
B–9	Lodgings	300.00	
			29,000.00
	City Attorney's Office.		
A–11	City Attorney	5,000.00	
"	2 Assistants at $3,600 each	7,200.00	
"	4 Assistants at $3,000 each	12,000.00	
"	1 Assistant at $2,400 each	2,400.00	
"	1 Assistant	1,800.00	
"	Chief Clerk	1,800.00	
"	Assistant Clerk	900.00	
"	2 Stenographers at $1,200 each	2,400.00	
"	2 Stenographer-Typists at $900 each	1,800.00	
"	Messenger	900.00	
			36,200.00
	Office Expense and General Litigation.		
B–9	Contingents	4,000.00	
B–31	Postage	175.00	
H–4	Premium on Official Bonds	25.00	
B–6	Stationery and Printing	600.00	
B–6	Printing briefs and transcripts	900.00	
A–25	Court Expenses	400.00	
B–6	Law Books	800.00	
T–1	Furniture	600.00	
			7,500.00

Total $43,700.00.

GENERAL GOVERNMENT—Continued

Legal Department—Continued

Code			
	District Attorney's Office.		
A–11	District Attorney	5,000.00	
"	4 Assistants at $3,600 each	14,400.00	
"	2 Assistants at $3,000 each	6,000.00	
"	6 Assistants at $2,400 each	14,400.00	
"	2 Assistants at $1,500 each	3,000.00	
"	1 Assistant	1,800.00	
"	1 Warrant and Bond Clerk	2,400.00	
"	1 Warrant and Bond Clerk	2,100.00	
"	4 Assistant Warrant and Bond Clerks at $1,500 each	6,000.00	
"	Chief Clerk	1,800.00	
"	Assistant Clerk	1,200.00	
"	Assistant Bookkeeper	1,200.00	
"	Stenographer	1,800.00	
"	Stenographer-Typist	900.00	
"	Messenger	1,500.00	
			63,500.00
	Expense—		
B–12	Auto Service	1,100.00	
A–25	Detection and Prosecution of Crime	5,000.00	
B–6	Stationery and Printing	1,000.00	
B–31	Postage	300.00	
H–4	Premium on Official Bonds	100.00	
	Total $71,000.		7,500.00
	County Clerk's Office.		
A–11	County Clerk	4,000.00	
"	Chief Register Clerk	2,400.00	
"	Cashier	1,800.00	
"	Register Clerks—5 at $1,800 each	9,000.00	
"	Assistant Register Clerks—10 at $1,500 each	15,000.00	
"	Court Room Clerks, Superior Court, Criminal—4 at $1,500 each	6,000.00	
"	Court Room Clerks, Superior Court, Civil—12 at $1,500 each	18,000.00	
"	Court Room Clerks, Police Court—4 at $1,500 each	6,000.00	
"	Copyists—16 at $1,200 each	19,200.00	
"	Copyists—15 at $1,200 each (additional)	18,000.00	

GENERAL GOVERNMENT—Continued

Legal Department—Continued.

Code			
	County Clerk's Office—Continued.		
A–11	Deputies—6 at $1,200 each	7,200.00	
"	Messenger	1,200.00	
			107,800.00
	Expense—		
B–6	Binding Books	150.00	
B–11	Carfare	120.00	
T–1	Filing Cases	1,200.00	
B–31	Postage	280.00	
H–4	Premium on Official Bonds	250.00	
B–6	Stationery and Printing	5,200.00	
	Total $115,000.		7,200.00
	Grand Jury Expenses.		
A–21	Fees of Jurors	3,000.00	
A–25	Expert Services	2,000.00	
			5,000.00
	Law Library.		
A–11	Librarian	3,600.00	
"	Assistant Librarian	1,500.00	
B–6	Expense Stationery and Postage	200.00	
			5,300.00
A–29	Examination of Insane People	10,000.00	
B–43	Maintenance of Criminal Insane	3,000.00	
			13,000.00
	Sheriff.		
	Administrative Salaries.		
A–11	Sheriff	8,000.00	
"	Under Sheriff	2,400.00	
"	Cashier	2,400.00	
"	Attorney	1,800.00	
"	Sheriff's Secretary	1,800.00	
"	Chief Bookkeeper	1,800.00	
"	Assistant Bookkeepers—2 at $1,500 each	3,000.00	
"	Office Deputies—12 at $1,500 each	18,000.00	
"	Bailiffs Superior Court—14 at $1,200 each	16,800.00	
"	Additional Bailiffs—2 at $1,200 each	2,400.00	
			58,400.00

GENERAL GOVERNMENT—Continued

Legal Department—Continued.

Code			
	Sheriff—Continued.		
A–11	Chief Jailer	1,800.00	
"	Jailers—10 at $1,200 each	12,000.00	
"	Assistant Jailers—28 at $900 each	25,200.00	
"	Bailiffs Criminal Courts—4 at $1,200 each	4,800.00	
"	Superintendent of Jails	1,800.00	
"	Bookkeeper for Jails	1,500.00	
"	Matron	900.00	
"	Commissary	1,500.00	
"	Stenographer	1,200.00	
"	Van Drivers—2 at $900 each	1,800.00	
"	Cooks—2 at $900 each	1,800.00	
"	Druggist	1,200.00	
			55,500.00
	Subsistence of Prisoners, etc.		
D–3	Bread	6,000.00	
"	Fruits and Vegetables	6,000.00	
"	Fish	1,500.00	
D-7	Drugs and Medical Supplies	900.00	
D–4	Dry Goods and Clothing	3,500.00	
C–4	Electric Appliances	250.00	
E–1	Gas	3,400.00	
D–2	Fuel	800.00	
C–4	Hardware and Kitchen Furniture	750.00	
D–3	Groceries and Dairy Produce	12,000.00	
"	Meats and Products	12,500.00	
"	Poultry	700.00	
"	Milk	1,000.00	
"	Ice	400.00	
"	Shoes and Leather Findings	1,600.00	
"	Tobacco	400.00	
			51,700.00
	Maintenance of Jails.		
D–8	Cleaning Supplies	700.00	
C–2	Paints and Oils	250.00	
D–5	Forage	1,500.00	
D–9	Rubber Goods	150.00	
D–5	Horse Shoeing	270.00	
B–8	Van and Wagon Repairs	450.00	
B–2	Removing Garbage	480.00	

GENERAL GOVERNMENT—Continued

Legal Department—Continued.

Code			
	Maintenance of Jails—Continued		
H–7	Rent of Gas Regulators	180.00	
D–5	Harness	200.00	
B–9	Repairs (General)	600.00	
B–2	Transportation of Prisoners	320.00	
			5,100.00
	Office Expense.		
B–12	Auto Hire	480.00	
B–6	Directories	50.00	
B–9	Contingents	250.00	
H–4	Premium on Official Bonds	250.00	
B–31	Postage	300.00	
B–6	Stationery and Printing	1,100.00	
			2,430.00
T–5	Repairs to Jail Buildings	5,000.00	
	Total $178,130.		5,000.00

PROTECTION TO PERSON AND PROPERTY

Bureau of Building Inspection.

A–11	Chief of Bureau	3,900.00	
"	Inspectors—2 at $2,100 each	4,200.00	
"	Inspectors—7 at $1,800 each	12,600.00	
"	Boiler Inspection	1,800.00	
"	House Number Inspection	2,100.00	
"	Clerk-Stenographer	2,400.00	
"	Clerk	1,800.00	
"	Structural Engineer	2,400.00	
			31,200.00
"	Light and Water Inspector	2,100.00	
"	Assistant Light and Water Inspector	1,680.00	
			3,780.00
"	Horticultural Inspector	1,680.00	
			1,680.00
	Sealer of Weights and Measures.		
A–11	Head Sealer	2,400.00	
"	Chief Deputy	1,800.00	
"	Assistant Deputies—5 at $1,800 each	9,000.00	
"	Stenographer	1,200.00	
			16,200.00

PROTECTION TO PERSON AND PROPERTY—Continued

Sealer of Weights and Measures—Continued

Code			
	Expense—		
D–6	Auto Supplies	500.00	
B–53	Auto Storage	96.00	
T–4	Equipment	150.00	
D–1	Stationery	100.00	
B–31	Postage	30.00	
			876.00
	Total $17,076.		
	Accident Insurance.		
H–4	Compensation for injuries to city employees	5,000.00	
			5,000.00
	Public Pound.		
A–25	Maintenance	10,000.00	
			10,000.00
	Public Administrator.		
B–7	Advertising	500.00	
H–4	Premium on Official Bonds	250.00	
			750.00
	Recorder's Office.		
A–11	Recorder	4,000.00	
"	Chief Deputy	2,400.00	
"	Deputies—5 at $1,800 each	9,000.00	
"	Clerks—9 at $1,500 each	13,500.00	
"	Machinist	1,500.00	
"	Copyists	34,800.00	
"	Ordinary Clerk	1,200.00	
			66,400.00
	Expense—		
H–4	Premium on Official Bonds	35.00	
B–31	Postage	135.00	
B–6	Rebinding Books	80.00	
D–1	Stationery	1,900.00	
			2,150.00
	Total $68,550.		
	Department of Electricity.		
A–11	Chief Electrician	3,000.00	
"	Bookkeeper and Secretary	2,100.00	
"	Clerks	1,500.00	

PROTECTION TO PERSON AND PROPERTY—Continued

Code			
	Department of Electricity—Continued.		
A–11	Stenographer	1,500.00	
"	Messenger	1,020.00	
"	Inspector	1,800.00	
"	Inside Inspectors—8 at $1,500 each	12,000.00	
"	F. A. Telegraph Operators—7 at $1,500	10,500.00	
"	Telephone Operators—4 at $1,020 each	4,080.00	
A–12	Relief Operators	300.00	
A–11	Chief Operator	1,800.00	
"	Supervisor Aerial Construction	1,500.00	
"	Shop Foreman—Instrument Maker	1,620.00	
"	Instrument Makers—3 at $1,350 each	4,050.00	
"	Machinist	1,350.00	
"	Painter	1,350.00	
"	Assistant Chief Construction Dept.	2,400.00	
"	Cable Splicer	1,716.00	
"	Storekeeper	1,200.00	
"	Hostler	1,200.00	
"	Repairer	1,380.00	
"	Laborers—2 at $1,080 each	2,160.00	
"	Batterymen	1,500.00	
"	Foreman Lineman	1,500.00	
"	Linemen—12 at $1,350 each	16,200.00	
			78,726.00
	Expense and Maintenance.		
D–6	Auto Supplies and Repairs	1,000.00	
B–2	Cartage and Hauling	35.00	
B–11	Carfare	250.00	
D–2	Fuel	125.00	
D–2	Gas	550.00	
D–6	Gasoline	400.00	
C–4	Castings	1,200.00	
"	Hardware	1,500.00	
C–1	Lumber	475.00	
C–2	Paints and Oils	400.00	
B–31	Postage	20.00	
D–4	Rubber Goods	120.00	
B–2	Removal of Garbage	24.00	
B–8	Repairs to Vehicles	300.00	
D–1	Stationery and Printing	1,000.00	
B–9	Towel Service	70.00	
			7,469.00

PROTECTION TO PERSON AND PROPERTY—Continued

Department of Electricity.

Code			
	Outlay and General Extensions P. & F. A.		
T–6	Cable and Wire	9,000.00	
"	Electrical Materials	6,000.00	
T–1	Lamps	200.00	
T-7	Machinery	800.00	
T–7	Police and Fire Alarm Boxes	6,000.00	
T–7	Crossbeams	500.00	
			22,500.00

Total $108,695.

Fire Department.

Executive Department.

A–11	Commissioners—4 at $1,200 each	4,800.00	
"	Secretary	2,400.00	
"	Physician	1,800.00	
"	Stenographer	1,800.00	
			10,800.00

Administrative—Detail from Fire Co's.

A–11	Clerk to Chief—Captain	1,860.00	
"	Bookkeeper—Captain	1,860.00	
"	Inspector—Captain	1,860.00	
"	Clerks—2 at $1,440 each, Firemen	2,880.00	
"	Clerk and Messenger, Fireman	1,440.00	
"	Stenographer	1,800.00	
"	Stenographer	1,200.00	
			12,900.00

Protection to Property.

A–11	Chief Engineer	5,000.00	
"	1st Assistant Chief Engineer	3,600.00	
"	2nd Assistant Chief Engineer	3,000.00	
"	10 Battalion Chiefs at $2,700 each	27,000.00	
"	12 Operators at $1,500 each	18,000.00	
"	Employees of Engine Companies—48	790,000.00	
"	Employees Relief Companies—2	8,040.00	
"	Chemical Engine Companies—12	77,400.00	
"	Truck Companies—13	230,730.00	
"	Fire Boats	75,600.00	
"	Water Towers	6,210.00	
"	Annual Salary Increase of Firemen	3,640.00	
			* 1,248,220.00

PROTECTION TO PERSON AND PROPERTY—Continued

Fire Department—Continued.

Code			
	Corporation Yard.		
A–11	Superintendent of Engines	2,700.00	
"	Clerk and Commissary	1,800.00	
"	Watchmen—4 at $1,200 each	4,800.00	
"	General Foreman	1,800.00	
"	Draftsman	1,500.00	
"	Draymen—3 at $1,200 each	3,600.00	
"	Machinists—10 at $4.50 per day	14,867.00	
"	Foreman, Wagon and Carriage Shop	1,722.00	
A–13	Blacksmiths—4 at $4.50 per day, 313 days	5,634.00	
"	Blacksmiths' Helpers—4 at $3.75 per day, 313 days	4,695.00	
"	Woodworker—$4.50 per day, 313 days	1,408.00	
"	Patternmaker, $5.25 per day, 313 days	1,640.00	
"	Brass Finisher, $4.75 per day, 313 days	1,486.00	
"	Boilermakers—2 at $5 per day, 313 days	3,130.00	
"	Boilermakers' Helpers—2 at $3.50 per day, 313 days	2,190.00	
"	Steamfitter at $6 per day, 313 days	1,878.00	
"	Foreman Painter, $5 per day, 313 days	1,565.00	
"	Carriage Painters—2 at $4.50 per day, 313 days	2,817.00	
"	Foreman Harness Maker at $5 per day, 313 days	1,565.00	
"	Harness Makers—2 at $4.25 per day, 313 days	2,660.00	
			63,457.00
	Fire Department—Stables.		
A–11	Superintendent of Stables	1,860.00	
"	Veterinarian	1,200.00	
"	Hostlers—8 at $1,200 each	9,600.00	
A–13	Horseshoers—3 at $5 per day, 313 days	4,695.00	
			17,355.00
	Fire Department—Auxiliary Fire Protection. Pumping Stations.		
A–11	Chief Engineers—2 at $2,100 each	4,200.00	
"	Assistants—5 at $1,500 each	7,500.00	
"	Firemen—7 at $1,200 each	8,400.00	
A–12	Relief Engineer and Fireman	750.00	
			20,850.00

PROTECTION TO PERSON AND PROPERTY—Continued

Fire Dept.—Auxiliary Fire Protection—Continued.

Code			
	Distributing System.		
A–11	Superintendent	2,400.00	
"	Foreman Gateman	1,500.00	
"	5 Gatemen at $1,200 each	6,000.00	
A–13	3 Laborers at $3 per day	2,817.00	
"	Caulker at $4.50 per day	1,408.00	
A–11	Keeper, Twin Peaks Reservoir	1,440.00	
"	Hydrantmen—6 at $1,200 each	7,200.00	
A–12	Relief Engineer and Fireman	750.00	
			23,515.00
	Maintenance—Fire Department.		
B–7	Advertising	250.00	
D–6	Automobile parts and repairs	7,000.00	
C–4	Brass Castings and Material	1,000.00	
D–9	Boiler Repairs	2,500.00	
D–7	Drugs and Chemicals	3,500.00	
D–4	Dry Goods, Canvas Covers, etc	500.00	
E–3	Electric Current, Gas and Electricity	12,750.00	
D–9	Electric Material	1,000.00	
T–1	Excelsior	250.00	
D–5	Forage	30,000.00	
D–2	Fuel and Oil	25,500.00	
D–6	Gasoline	4,000.00	
C–4	Hardware	5,000.00	
D–5	Horseshoeing Material	2,800.00	
D–5	Leather Goods	500.00	
C–1	Lumber and Material	500.00	
D–8	Metal Polish	210.00	
D–9	Oxygen	290.00	
D–5	Pasturing Horses	260.00	
C–2	Paints and Oils	2,400.00	
C–4	Plumbing Supplies	1,000.00	
H–4	Premium on Official Bonds	100.00	
B–31	Postage	160.00	
B–2	Removing Garbage	1,500.00	
B–8	Repairs to Fire Boats	2,500.00	
B–8	Repairs to Apparatus	2,500.00	
D–6	Recharging Batteries	600.00	
T–5	Resetting Hydrants	4,300.00	
T–5	Rubber Goods and Tarpaulin	2,100.00	
H–7	Rent of Gas Regulators	60.00	

PROTECTION TO PERSON AND PROPERTY—Continued

Fire Department.

Code			
	Maintenance—Continued.		
H–7	Rent of Premises	1,200.00	
B–8	Sundry Repairs	450.00	
B–6	Stationery and Printing	2,300.00	
B–3	Telephone Service	120.00	
E–5	Water for Pumping Plant	8,500.00	
E–6	Water for Fire Boats	500.00	
			128,100.00
	Equipment and Outlay.		
T–1	Clocks	100.00	
T–5	Fire Extinguishers	250.00	
T–3	Flags	30.00	
T–1	Furniture	2,300.00	
T–5	Harness	300.00	
"	Hydrants	7,500.00	
	Apparatus and Hose.		
T–5	Tractors—4 at $8,500 each	34,000.00	
"	4 Chemical engines, $6,250 each	25,000.00	
T–4	4 Pumping Engines at $9,000 each	36,000.00	
T–5	Hose	12,000.00	
"	Equipment	7,500.00	
			124,980.00
	General Repairs to Fire Houses under Supervision of P. W.		
A–12	Carpenters	6,000.00	
"	Glazier	150.00	
"	Cement Finishers	300.00	
"	Laborers	300.00	
"	Painters	1,000.00	
"	Plumbers	1,800.00	
"	Teamsters	800.00	
"	Tinners	2,800.00	
"	Wiremen	600.00	
			13,750.00
	Expense—		
B–11	Carfare	140.00	
C–5	Cement	250.00	
C–4	Electric Supplies	100.00	
C–5	Glass and Glazing	650.00	
C–4	Hardware and Plumbing Material	1,000.00	

PROTECTION TO PERSON AND PROPERTY—Continued

General Repairs to Fire Houses—Continued.

Code			
	Expense—Continued.		
C–1	Lumber	1,800.00	
C–2	Paints and Oils	500.00	
			4,440.00
E–5	Water for Hydrants	135,000.00	
			135,000.00

Total $1,803,367.

Police Department—Executive.

A–11	Commissioners—4 at $1,200 each	4,800.00	
"	Stenographer	1,800.00	
			6,600.00

Administration.

	Members of Police Force detailed to Special Duties—		
A–11	Chief Clerk (rated as Captain)	2,400.00	
"	Chief Clerk's Assistants—2 Police Officers at $1,464 each	2,928.00	
			5,328.00
"	Property Clerk (rated as Captain)	2,400.00	
"	Property Clerk's Assistant—1 Corporal	1,560.00	
"	Property Clerk's Assistants—4 Police Officers at $1,464 each	5,856.00	
			9,816.00
"	Secretary to Commissioners (Corporal)	1,500.00	
			1,500.00
"	General Office—		
"	Bookkeeper—(Lieutenant)	1,920.00	
"	Bookkeeper's Assistants—4 Police Officers at $1,464 each	5,856.00	
			7,776.00

License Department.

A–11	Chief License Clerk (Lieutenant)	1,920.00	
"	Chief License Clerk's Assistants—5 Police Officers at $1,464 each	8,320.00	
"	Stenographers—2 at $1,200 each	2,400.00	
			12,640.00

PROTECTION TO PERSON AND PROPERTY—Continued

Police Department—Continued.

Code			
	Identification Bureau.		
A–11	Photographer	1,800.00	
"	Recorders—9 Police Officers at $1,464 each	13,176.00	
			14,976.00
	Detective Bureau.		
A–11	Captain of Detectives	3,000.00	
"	Detective Sergeants—2 at $1,800 each	3,600.00	
			6,600.00
	Complaint Department.		
A–11	Lieutenant in Charge	1,920.00	
"	Police Officers—3 at $1,464 each	4,392.00	
			6,312.00
	Public Office Detail.		
A–11	Mayor's Office—1 Detective	1,800.00	
"	District Attorney—1 Detective Sergeant, 1 Corporal, 1 Police Officer	4,704.00	
"	Treasurer's Office—6 Police Officers at $1,464 each	8,784.00	
"	City Hall—1 Police Officer	1,464.00	
"	Board of Public Works—1 Officer	1,464.00	
"	Park—Museum, 3 Officers; Academy of Science, 1 Officer	5,856.00	
"	School Department—2 Police Officers at $1,464 each	2,928.00	
"	Tax Collector—1 Officer	1,464.00	
"	City Attorney—1 Officer	1,464.00	
"	Grand Jury—1 Officer	1,464.00	
"	Humane Bureau—2 Officers at $1,464 each	2,928.00	
"	Printer	1,800.00	
			36,120.00
	Prison Keeper and Assistants.		
"	Lieutenant in Charge	1,920.00	
"	15 Assistants—Police Officers at $1,464 each	21,690.00	
"	Matrons—4 at $1,080 each	4,320.00	
"	Cook	1,200.00	
"	Surgeon	1,500.00	
			30,630.00

PROTECTION TO PERSON AND PROPERTY—Continued

Police Department—Continued.

Code			
	Station Keepers.		
A–11	Sergeants—22 at $1,800 each	36,960.00	
"	Corporals—16 at $1,560 each	24,960.00	
"	Police Officers—57 at $1,464 each	83,448.00	
"	Telephone Operators—4 at $1,020 each and $300 relief	4,380.00	
			149,748.00
	General Service.		
A–11	Chief of Police	4,000.00	
"	Captains of Police—9 at $2,400 each	21,600.00	
"	Detective Sergeants—22 at $1,800 each	39,600.00	
"	Detective Police Women—3 at $1,200 each	3,600.00	
"	Lieutenants—14 at $1,920 each	26,880.00	
"	Sergeants—50 at $1,680 each	84,000.00	
"	Corporals—33 at $1,560 each	51,480.00	
"	Police Officers—632 at $1,464 each	925,248.00	
"	Patrol Drivers—23 at $1,200 each	27,600.00	
"	Hostlers—9 at $1,140 each	10,260.00	
"	Chauffeurs—3 at $1,200 each	3,600.00	
			1,197,868.00
	Expense for Detection of Crime.		
K–9	Contingent Expense	9,000.00	
			9,000.00
	Police Maintenance—General Office.		
B–6	Directories	225.00	
T–1	Furniture and Filing Cases	1,000.00	
B–31	Postage	390.00	
B–6	Stationery and Printing	6,500.00	
B–32	Telegrams	300.00	
B–9	Towel Service	500.00	
B–8	Typewriter Repairs	40.00	
H–4	Premium on Official Bonds	75.00	
			9,030.00
	Police and Mounted Patrol Expense.		
B–6	Auto Supplies	1,800.00	
B–6	Auto Repairs and Parts	3,200.00	
D–6	Gasoline	4,000.00	
D–7	Drugs and Chemicals	150.00	
D–9	Electric Lamps, etc	250.00	
D–5	Forage	9,000.00	

PROTECTION TO PERSON AND PROPERTY—Continued

Police Department—Continued.

Code			
	Police and Mounted Patrol Expense—Continued.		
D–2	Fuel	1,300.00	
D–2	Gas	350.00	
D–5	Harness	200.00	
D–5	Horseshoeing	4,000.00	
C–2	Paints and Oils	150.00	
B–2	Removing Rubbish	270.00	
D–5	Stable Supplies	480.00	
D–5	Veterinary Service	500.00	
B–8	Wagon Repairs	300.00	
			25,950.00
	Police Patrol Boats.		
A–11	Engineers—3 at $1,500 each	4,500.00	
B–8	Distillate	250.00	
B–8	Repairs and Maintenance	450.00	
			5,200.00
	Photographic Department.		
B–6	Photo Supplies	1,800.00	
			1,800.00
	Subsistence of Prisoners.		
D–3	Bread	1,400.00	
"	Dairy Products	400.00	
"	Fruits and Vegetables	700.00	
"	Meats and Products	1,800.00	
"	Groceries and Provisions	2,500.00	
D–4	Dry Goods—Clothing	550.00	
C–4	Hardware and Utensils	250.00	
D–2	Gas and Fuel	350.00	
D–8	Cleaning Supplies	350.00	
			8,000.00
	General Repairs to Stations under direction of Board of Public Works.		
A–12	Carpenter Work—Labor and Material	2,000.00	
C–5	Cement Work—Labor and Material	300.00	
C–5	Glazing	100.00	
A–12	Painting	1,200.00	
A–12	Plumbing	1,600.00	
A–12	Tinning	250.00	
A–12	Wiremen	550.00	
			6,000.00
H–6	Electric Traffic Signals	2,000.00	
			2,000.00

Total $1,552,894.00.

CONSERVATION OF HEALTH

Department of Health.

Code			
	Executive Department.		
A–11	Health Officer	3,600.00	
"	Chief Clerk	2,700.00	
"	Stenographer	1,320.00	
"	Telephone Operator	1,020.00	
"	Filing Clerk	1,080.00	
			9,720.00
	Auditing Department.		
A–11	Bookkeeper	2,400.00	
"	Clerk	1,200.00	
			3,600.00
	Vital Statistics—Bureau of Records.		
A–11	Mortuary Clerk	1,500.00	
"	Birth Registry Clerk	1,500.00	
"	Complaint Clerk	1,200.00	
			4,200.00
	Bureau of Sanitation.		
A–11	Chief Sanitary Inspector	3,000.00	
"	Clerk	1,920.00	
"	Assistant Sanitary Inspectors—4 at $1,800 each	7,200.00	
"	Stenographers—2 at $1,200 each	2,400.00	
"	City Physician	2,400.00	
"	Tenement House Inspectors—2 at $1,500 each	3,000.00	
"	Disinfectors—2 at $1,500 each	3,000.00	
			22,920.00
	Bureau of Laboratories.		
A–11	Director	3,600.00	
"	Bacteriologist	1,800.00	
"	Assistant	1,500.00	
"	Helpers—1 at $720; 1 at $900	1,620.00	
"	Chemists—2 at $1,500 each	3,000.00	
"	Laboratory Assistant	1,500.00	
"	Stenographer	900.00	
			13,920.00
	Conservation of Child Life.		
A–11	Medical School Inspector	1,800.00	
"	Medical School Inspectors—2 at $1,200 each	2,400.00	

CONSERVATION OF HEALTH—Continued

Code			
	Conservation of Child Life—Continued.		
A–11	Health Inspectors of Schools—3 at $1,020 each	3,060.00	
"	Health Inspectors of Schools—6 at $960 each	5,760.00	
"	Inspectors of Schools—8 at $900 each	7,200.00	
			20,220.00
	Food Regulation and Inspection.		
A–11	Industrial Inspectors—4 at $1,500 each	6,000.00	
"	Veterinary Meat Inspectors—4 at $1,620 each	6,480.00	
"	Market and Meat Inspectors—14 at $1,500 each	21,000.00	
"	Dairy Veterinarians—2 at $1,800 each	3,600.00	
"	Dairy Inspectors—2 at $1,500 each	3,000.00	
"	Food Inspectors—2 at $1,500 each	3,000.00	
			43,080.00
	General Outside Inspection.		
A–11	Chief Plumbing Inspector	2,100.00	
"	Assistant Plumbing Inspectors—4 at $1,800 each	7,200.00	
"	Indigent Inspector	1,200.00	
"	Assistant Indigent Inspector	900.00	
			11,400.00
	Central Office—Transportation.		
B–12	Auto Service Health Officer	480.00	
B–12	Chief Sanitary Inspector and Assistant	660.00	
"	Plumbing Inspection	900.00	
"	Food and Dairy Inspection	360.00	
"	Disinfecting	360.00	
"	Indigent Poor Inspection	180.00	
B–11	Extra Service and Carfare	2,180.00	
			5,120.00
	General Maintenance.		
B–7	Advertising	120.00	
D–7	Drugs and Chemicals, Antitoxin, Vaccine	2,650.00	
D–8	Disinfectants	900.00	
D–3	Groceries—Samples	80.00	
D–7	Laboratory Supplies	1,000.00	
H–4	Premium on Official Bonds	45.00	
B–2	Removal of Garbage	60.00	

CONSERVATION OF HEALTH—Continued

Code			
	General Maintenance—Continued.		
D–8	Cleaning Supplies	100.00	
B–6	Photo Supplies and Material	205.00	
D–1	Stationery	2,500.00	
B–31	Postage	900.00	
T–2	Equipment and Replacements	600.00	
D–2	Gas	300.00	
B–4	Ice	160.00	
B–13	Inspection of Outside Dairies	1,000.00	
			10,620.00

Total Central Office, $144,800.

	Isolation Hospital.		
A–11	Superintendent	2,400.00	
"	Interne	120.00	
"	Steward	1,320.00	
"	Attendant to Lepers	1,080.00	
"	Graduate Nurses—9 at $900 each	8,100.00	
"	Cooks—2 at $1,080 each	2,160.00	
"	Pupil Nurses—10 at $144 each	1,440.00	
"	Night Watchman	720.00	
"	Day Watchman	960.00	
"	Gardener	960.00	
A–12	Wardwomen—7 at $420 each	2,940.00	
"	Helpers—2 at $120 each	240.00	
"	Helpers—2 at $144 each	288.00	
"	Laundrywomen—2 at $420 each	840.00	
A–12	Kitchen Help	360.00	
A–11	Ambulance Driver	960.00	
A–12	Additional Nurses when required	1,000.00	
			25,888.00
	Maintenance.		
D–3	Bread	800.00	
A–23	Christmas Gifts to Lepers	250.00	
D–8	Cleaning Supplies	200.00	
D–7	Drugs and Medical Supplies	3,000.00	
D–4	Dry Goods and Clothing	700.00	
D–3	Fruits and Vegetables	800.00	
D–2	Fuel	800.00	
C–4	Electric Supplies	200.00	
T–1	Furniture	1,500.00	
D–3	Groceries and Provisions	3,600.00	
B–2	Garbage Removal	100.00	

CONSERVATION OF HEALTH—Continued

Code			
	Maintenance—Continued.		
D–2	Gas	900.00	
C–4	Hardware	500.00	
D–3	Ice	90.00	
D–8	Laundry Supplies	65.00	
D–7	Liquors	65.00	
D–3	Milk and Cream	2,000.00	
"	Meats	2,800.00	
C–2	Paints	160.00	
D–1	Stationery	125.00	
T–9	Sundry Repairs and Equipment	345.00	
	Total Isolation $44,888.		19,000.00
	General Repairs to Sewers.		
A–11	Superintendent	3,000.00	
"	Asst. Superintendents—1 at $1,800; 1 at $1,500	3,300.00	
A–13	Bricklayers—5	10,000.00	
"	Carpenters and Cribbers—17	16,300.00	
"	Foremen—3	5,400.00	
"	Hodcarriers—7	10,000.00	
"	Laborers	21,000.00	
G–12	Teamsters—single teams	12,650.00	
G–12	Teamsters—double teams	24,000.00	
A–13	Sewer Cleaners	19,250.00	
"	Watchmen	3,360.00	
	Expense—		128,260.00
D–6	Auto Supplies and Repairs	500.00	
C–5	Brick	1,500.00	
C–4	Basin Frames and Iron Grates	1,200.00	
C–5	Cement	1,200.00	
E–4	Electric Current	1,150.00	
D–6	Gasoline	70.00	
C–4	Hardware	700.00	
C–3	Jute Bags	60.00	
D–9	Lamps and Globes	80.00	
C–1	Lumber	500.00	
S–3	Manhole Covers	1,000.00	
C–2	Paints, Oils, etc	200.00	
D–4	Rubber Goods	900.00	
S–3	Sewer Pipe	3,500.00	
K–9	Sundries and Contingencies	940.00	
			13,500.00

CONSERVATION OF HEALTH—Continued

Code			
	Sewer Extensions Under Contract.		
A–11	Engineer	1,500.00	
"	Surveyor	1,200.00	
"	Draftsman	1,200.00	
"	Inspection	1,500.00	
S–3	General Construction	50,000.00	
			55,400.00
	Sewer Work in front of City Property.		
S–3	Labor and Repairs	10,000.00	
			10,000.00
	Total $207,160.		
	Cleaning and Sweeping Streets.		
A–11	Superintendent of Street Cleaning	3,000.00	
"	Assistant Superintendent	1,800.00	
A–13	Blacksmith and Helper	1,500.00	
"	Foremen Sweepers—10 at $3.50 per day	9,630.00	
"	Street Sweepers—90 at $3.50 per day	87,000.00	
"	Foreman Laborers—7 at $3.50 per day	4,800.00	
"	Laborers—80 at $3 per day	66,000.00	
"	Teamsters—single teams, 10 at $5.75 per day	15,800.00	
A–13	Teamsters—75 at $6.50 per day	133,000.00	
A–12	Watchmen—6 at $1,080 each	6,480.00	
"	Chauffeurs—2 at $1,200 each	2,400.00	
			331,410.00
	Expense—		
D–6	Auto Supplies and Repairs	600.00	
T–9	Ash Cans	1,200.00	
"	Brooms and Brushes	2,000.00	
T–4	Hardware	3,000.00	
T–5	Hose	600.00	
B–8	Machinery Repairs	1,600.00	
"	Repairs to Wagons	2,500.00	
C–5	Sand	500.00	
E–5	Water for Sprinkling and Flushing	5,000.00	
D–4	Rubber Goods	260.00	
T–7	Motor Apparatus—Sweepers	4,500.00	
"	Flushing Wagon	3,500.00	
			25,260.00
	Total $356,670.		

CONSERVATION OF HEALTH—Continued

Code		
	San Francisco Hospital merged with Tubercular Hospital.	
A–11	Superintendent	3,600.00
"	Resident Physician	1,800.00
"	Resident Physician's Assistant	1,080.00
"	Internes—26 at $120 each	3,120.00
"	House Physicians—5 at $300 each	1,500.00
"	Commissary Clerk	1,800.00
"	Secretary	1,800.00
"	Stenographer	900.00
"	Ambulance Driver	1,200.00
"	Watchman	900.00
"	Watchman	780.00
"	Superintendent of Nurses	1,200.00
"	Assistant Superintendent of Nurses	1,080.00
"	Operating Room Nurse	1,080.00
"	Assistant Operating Room Nurse	720.00
"	Dietitian	900.00
"	Nurse in charge of Nurses' Home	720.00
"	Graduate Nurses—4	2,880.00
"	Post-Graduate Nurses—9	4,320.00
"	Practical Nurses—6 at $360 each	2,160.00
"	Nurses—3	2,700.00
A–12	Pupil Nurses as required	16,000.00
"	Orderlies—16 at $300 each	4,800.00
A–11	Druggist	1,500.00
"	Druggist-Clerk	600.00
A–12	Druggist's Helper	240.00
A–11	Telephone Operators—2 at $900 each	1,800.00
"	Telephone Operator (Night)	540.00
"	X-Ray Operator	600.00
A–12	X-Ray Attendant	360.00
A–11	Storekeeper	960.00
A–12	Commissary Helper	480.00
A–11	Surgical Dresser	1,200.00
"	Teamster	960.00
"	Elevator Operators—3 at $720 each	2,160.00
"	Chief Cook	1,200.00
"	Butcher Cook	1,200.00
"	Cooks—5 at $1,080 each	5,400.00
"	Cook	420.00
"	Cook's Helper	480.00
"	Waiters—4 at $672 each	2,690.00

CONSERVATION OF HEALTH—Continued

Code			
	San Francisco Hospital—Continued.		
A–11	Head Waiter	780.00	
"	Waitresses—6 at $480 each	2,880.00	
"	Seamstress	600.00	
A–12	Seamstress Helper	300.00	
"	Housekeeper	480.00	
A–13	Institutional Help	20,000.00	
A–12	Ironers—4 at $420 each	1,680.00	
A–11	Anesthetist	900.00	
"	Steward	1,200.00	
A–12	Chambermaids—7 at $300 each	2,100.00	
A–11	Lockerman	480.00	
"	Gardener	900.00	
"	Head Laundryman	1,200.00	
"	Laundrymen—2 at $480 each	960.00	
"	Chief Engineer	2,100.00	
"	Assistant Engineers—3 at $1,500 each	4,500.00	
"	Firemen—3 at $1,200 each	3,600.00	
"	Electrician	1,500.00	
"	Plumber	1,800.00	
A–12	Relief Engineer	720.00	
"	Relief Fireman	600.00	
"	Fumigator and Disinfector	300.00	
A–11	Morgue Men—2 at $300 each	600.00	
"	Washer	540.00	
A–12	Washer's Helper	300.00	
"	Clothes Repairer	480.00	
"	Seamstress	300.00	
A–11	Gateman	730.00	
"	Chambermaid	420.00	
"	Social Service Worker	1,200.00	
"	Social Service Worker	900.00	
"	Social Service Workers—3 at $720 each	2,160.00	
	Additional Help.		
A–11	Student Superintendent	900.00	
"	Resident Physician	900.00	
"	Dietitian's Assistant	480.00	
"	Kindergarten Worker	480.00	
"	General Mechanic	1,200.00	
			141,000.00
	Maintenance.		
D–6	Auto Supplies and Repairs	700.00	
D–3	Bread	6,500.00	

CONSERVATION OF HEALTH—Continued

San Francisco Hospital—Continued.

Code			
	Maintenance—Continued.		
D–8	Cleaning Supplies	3,600.00	
D–7	Drugs and Medical Supplies	17,000.00	
D–4	Dry Goods and Clothing	9,400.00	
T–6	Electrical Supplies	800.00	
T–1	Furniture and Bedding	2,500.00	
D–3	Fruits and Vegetables	8,500.00	
D–2	Fuel and Fuel Oil	23,900.00	
D–3	Groceries and Provisions	49,000.00	
E–4	Gas for Heating	900.00	
T–1	Hardware—Kitchen Supplies	5,500.00	
"	Lamps	500.00	
C–1	Lumber	850.00	
D–3	Meats, Poultry, Fish	24,000.00	
"	Milk and Cream	15,000.00	
C–2	Paints and Oils	600.00	
D–9	Photo and Optical Supplies	1,000.00	
C–6	Plants and Seeds	250.00	
D–9	X-Ray Supplies	500.00	
"	Rubber Goods	600.00	
H–7	Rent of Gas Regulator	100.00	
B–6 & D–1	Stationery and Printing	400.00	
D–7	Surgical Supplies	3,700.00	
B–2	Removal of Garbage	900.00	
K–9	General Supplies	3,300.00	
			180,000.00

Total Hospital $321,000.00.

HIGHWAYS

Repairs to Streets.

A–11	Superintendent of Repairs	3,300.00	
"	Assistant Chief	2,400.00	
"	Special Assistants—2 at $1,800 each	3,600.00	
"	Superintendent of Stone Paving	2,100.00	
"	Carpenters—2 at $1,800 each	3,600.00	
"	Chauffeurs—2 at $1,200 each	2,400.00	
"	Cement Finishers and Helpers	6,000.00	
A–12	Engineers, Steam Roller Heaters, Rock Crushers—7 at $6 per day	11,480.00	
A–11	Clerk	1,620.00	
"	Engineers Asphalt Plant—2	3,300.00	

HIGHWAYS—Continued

Code			
	Repairs to Streets—Continued.		
A–11	Firemen Stationary Engines—2 at $1,200 each	2,400.00	
"	Foreman Paver	2,100.00	
"	Foremen Asphalt Works—5 at $1,320 each	6,600.00	
"	Watchmen—3 at $1,080 each	3,240.00	
"	Foremen General Works—3 at $1,500 each	4,500.00	
A–13	Asphaltmen—40 at $4 per day	44,000.00	
A–12	Foreman Laborers as required	6,600.00	
A–13	Laborers—160 at $3.50 per day	134,000.00	
"	Pavers—20 at $6 per day	33,000.00	
"	Rammers—12 at $5 per day	16,500.00	
A–12	Carpenter at $1,500	1,500.00	
"	Carpenter's Helper	900.00	
"	Blacksmith	1,500.00	
"	Blacksmith's Helper	900.00	
A–13	Teamsters—72 at $6.50 per day	128,700.00	
			426,240.00
	Expense—		
D–6	Auto Supplies and Repairs	1,200.00	
C–5	Asphalt	20,000.00	
"	Basalt	4,000.00	
D–9	Canvas Covers	200.00	
C–5	Cement, Lime and Rock	45,000.00	
"	Curbings	4,000.00	
C–4	Electrical Material	350.00	
D–5	Forage	300.00	
D–2	Fuel and Oil	8,000.00	
E–4	Gas and Electricity (Power)	2,000.00	
D–6	Gasoline and Chemicals	850.00	
C–5	Grouting	20,000.00	
C–4	Hardware and Tools	4,600.00	
D–5	Horseshoeing	140.00	
D–9	Hose and Rubber Goods	660.00	
C–4	Iron and Steel	2,700.00	
D–9	Lamps and Globes	600.00	
B–12	Livery and Transportation	1,500.00	
C–1	Lumber	2,500.00	
C–4	Machinery Supplies	7,000.00	
C–2	Paints and Oils	600.00	
D–9	Powder and Ammunition	300.00	

HIGHWAYS—Continued

Code			
	Expense—Continued.		
C–5	Rock and Sand	35,000.00	
B–8	Repairs to Tools	1,500.00	
C–9	Sundries	3,000.00	
B–2	Teaming and Hauling	10,000.00	
E–5	Water	1,500.00	
"	Water for Troughs	2,500.00	
			180,000.00
	Work in front of City Property.		
S–3	Repairs to Streets and Sidewalks	20,000.00	
			20,000.00
S–3	Construction of Esplanade Ocean Boulevard	50,000.00	
	Total $676,240.		50,000.00
	Bridges.		
A–11	Engineers on Bridges—6 at $1,560 each	9,360.00	
"	Watchmen—9 at $1,080 each	9,720.00	
A–12	Relief Engineers and Watchmen	2,640.00	
			21,720.00
	Repairs, etc.		
S–2	Alterations	2,500.00	
D–9	Oils and Maintenance	2,000.00	
	Total $26,220.		4,500.00
S–3	Extension of Municipal Water Works	5,000.00	
			5,000.00
	Engineering Department.		
A–11	City Engineer	15,000.00	
"	Chief Assistant	3,600.00	
"	Assistant	3,000.00	
"	Surveyor's Field Assistant	2,100.00	
"	Cartographer	1,800.00	
"	Assistant Engineer	1,800.00	
"	Assistant Engineer	1,500.00	
"	Draftsman	1,800.00	
"	Inspectors of Streets under Contract	18,000.00	
	Surveys		
A–11	Assistant Engineer in Charge	3,600.00	
"	Surveyors—5 at $1,800 each	9,000.00	
"	Draftsmen—3 at $1,800 each	5,400.00	

HIGHWAYS—Continued

Code			
	Surveys—Continued.		
A–11	Draftsman	2,100.00	
"	Draftsmen—3 at $1,500 each	4,500.00	
"	Surveyors—4 at $1,800 each	7,200.00	
"	Surveyors' Field Assistants—3 at $1,500 each	4,500.00	
"	Field Assistants—15 at $1,200 each	18,000.00	
"	Assistant Engineers—3 at $2,100 each	6,300.00	
"	Stenographer	1,500.00	
"	Chemist and Assistant	3,600.00	
			113,700.00
	Engineers' Expense.		
D–6	Auto Repairs	600.00	
D–7	Chemicals	500.00	
D–1	Directories	25.00	
D–6	Gasoline	250.00	
T–2 & B–8	Instruments and Repairs	800.00	
S–2	Monuments	300.00	
D–9	Incidentals	600.00	
D–1	Map Corrections	255.00	
"	Paper	270.00	
"	Stationery	500.00	
	Total $117,800.		4,100.00
	Pumping Stations.		
A–11	General Mechanics	1,500.00	
E–4	Electric Current	5,000.00	
B–8	Repairs	750.00	
			7,250.00
	Street Lighting.		
E–2	Gas	200,000.00	
E–3	Electricity	275,000.00	
"	Extra Lighting	5,000.00	
			480,000.00
	Total Highways $1,312,510.		

CHARITIES AND CORRECTIONS

	Relief Home.		
A–11	Superintendent	3,600.00	
"	Clerk	1,620.00	
"	Stenographer	1,080.00	
"	Physicians—2 at $1,620 each	3,240.00	

CHARITIES AND CORRECTIONS—Continued

Code			
	Relief Home—Continued.		
A–11	Head Nurse	900.00	
"	Nurse	840.00	
"	Night Nurse	780.00	
"	Nurses—4 at $720 each	2,880.00	
"	Steward	1,380.00	
"	Steward	1,320.00	
"	Steward	960.00	
"	Steward	900.00	
"	Steward	840.00	
"	Ambulance Driver	960.00	
"	Head Matron	1,200.00	
"	Matrons—2 at $960 each	1,920.00	
"	Warehousemen	1,200.00	
"	Plumber	1,800.00	
"	Foreman	960.00	
"	Watchman	780.00	
"	Auto Truck Driver	960.00	
"	Engineer	1,680.00	
"	Assistant Engineer	1,380.00	
"	Butcher	1,200.00	
"	Gardener	1,080.00	
"	Farmers—2 at $960 each	1,920.00	
A–12	Cooks	6,960.00	
"	Laundryman	1,080.00	
"	Laundress	660.00	
"	Pantryman	720.00	
"	Orderly	480.00	
"	Seamstresses—2 at $600 each	1,200.00	
"	Milkers—2 at $600 each	1,200.00	
A–13	Inmate Labor	16,000.00	
"	Orderlies—3 at $300 each	900.00	
			66,580.00
	Maintenance.		
D–6	Auto Supplies and Repairs	1,200.00	
D–8	Cleaning Supplies	1,500.00	
D–7	Drugs and Medical Supplies	2,600.00	
D–4	Dry Goods and Clothing	6,000.00	
D–2	Fuel and Fuel Oil	16,000.00	
D–5	Forage	6,980.00	
D–3	Fruits and Vegetables	6,480.00	
E–4	Gas and Electricity—Power	240.00	
D–3	Groceries and Provisions	43,200.00	

CHARITIES AND CORRECTIONS—Continued

Relief Home—Continued.

Code			
	Maintenance—Continued.		
D–6	Gasoline	1,200.00	
D–5	Horseshoeing and Clipping	400.00	
C–4	Hardware	750.00	
T–1	Kitchen Supplies	600.00	
D–3	Liquor	5,000.00	
C–1	Lumber	1,750.00	
D–9	Lamps and Electric Supplies	850.00	
"	Laundry Supplies	1,200.00	
C–5	Lime and Cement	1,000.00	
D–3	Meats, Poultry and Fish	45,600.00	
"	Milk and Cream	3,000.00	
D–5	Pasturage	200.00	
C–2	Paints and Oils	800.00	
C–6	Paints and Oils	50.00	
D–4	Shoes and Leather	2,500.00	
D–3	Tobacco	2,800.00	
T–1	Furniture and Bedding	1,600.00	
S–3	General Improvements	7,500.00	
E–5	Water	8,000.00	
			169,000.00

Total $235,580.

Emergency Hospital.

A–11	Chief Surgeon	2,400.00	
"	Chief Steward	2,100.00	
"	Clerk-Stenographer	1,200.00	
"	Assistant Surgeons—12 at $1,320 each	15,840.00	
"	Stewards—22 at $1,200 each	26,400.00	
"	Nurses—6 at $1,080 each	6,480.00	
"	Seamstress	720.00	
"	Ambulance Drivers—15 at $1,200 each	18,000.00	
			73,140.00
	Maintenance.		
B–1	Auto Service	900.00	
D–6	Auto Supplies and Repairs	2,500.00	
D–7	Drugs and Medical Supplies	3,000.00	
D–4	Dry Goods and Clothing	1,500.00	
E–1	Gas for Heating	600.00	
D–3	Ice	200.00	
"	Groceries and Provisions	3,000.00	
D–1 & B–6	Printing and Stationery	500.00	

CHARITIES AND CORRECTIONS—Continued

Emergency Hospital—Continued.

Code			
	Maintenance—Continued.		
B–31	Postage	50.00	
B–3	Telephone Service	50.00	
B–2	Removing Garbage	120.00	
D–7	Laboratory Supplies	250.00	
D–7	Surgical Supplies	1,200.00	
D–9	Lamps for Autos	130.00	
"	Miscellaneous Supplies	600.00	
T–1	Furniture	400.00	
			15,000.00

Total Emergency Hospital $88,140.

Juvenile Court.

A–11	Probation Officer	2,700.00	
"	Assistant Probation Officers—2 at $2,100 each	4,200.00	
"	Assistant Probation Officers—8 at $1,500 each	12,000.00	
"	Assistant Probation Officer	1,200.00	
"	Assistant Probation Officer	1,080.00	
"	Clerk-Stenographer	1,500.00	
"	Stenographer	1,200.00	
"	Stenographer	1,080.00	
"	Stenographer	1,080.00	
"	Collector	1,500.00	
"	Filing Clerk	900.00	
"	Bookkeeper	1,080.00	
"	Deputies—2 at $1,080 each	2,160.00	
"	Deputies—2 at $900 each	1,800.00	
"	Office Assistant	600.00	
"	Legal Assistant	1,200.00	
			35,280.00

Maintenance and Expense.

B–1	Transportation Service	2,000.00	
B–3	Telephone and Telegraph	200.00	
D–1 & B–6	Printing and Stationery	300.00	
T–1	Typewriters and Repairs	250.00	
H–4	Premium on Bonds	120.00	
D–9	Miscellaneous Supplies	130.00	
			3,000.00

Total $38,280.

CHARITIES AND CORRECTIONS—Continued

Code			
	Juvenile Detention Home.		
A–11	Superintendent	1,500.00	
"	Assistant Superintendent	1,020.00	
"	Night Superintendent	1,020.00	
"	Matron	1,200.00	
"	Night Matron	600.00	
"	Nurses—4 at $600 each	2,400.00	
"	Clinic Nurse	720.00	
"	Cook	600.00	
"	Dentist	240.00	
"	Laundress	480.00	
"	Orderly	600.00	
			10,380.00
	Expense—		
D–7	Dental Supplies	100.00	
"	Drugs and Medical Supplies	500.00	
D–4	Dry Goods	500.00	
D–8	Laundry and Cleaning Supplies	500.00	
D–9	Electric Supplies and Hardware	150.00	
B–2	Scavenger Service	60.00	
B–31	Postage	36.00	
D–9	Elevator Inspection	54.00	
D–3	Groceries and Provisions	6,200.00	
D–2	Fuel, Gas and Oil	1,000.00	
T–1	Furniture and Equipment	500.00	
			9,600.00
	Total $19,980.		
	Maintenance of Minors, Public Institutions.		
B–43	Albertinum Orphanage	8,500.00	
"	Boys and Girls Aid Society	8,000.00	
"	Boys and Girls Industrial Home	3,000.00	
"	California Girls Training Home	1,200.00	
"	Catholic Humane Bureau	46,000.00	
"	Childrens' Agency	46,000.00	
"	Eureka Benevolent Society	12,000.00	
"	Fred Finch Orphanage	200.00	
"	Maud Booth Home	5,300.00	
"	Maria Kip Orphanage	400.00	
"	McKinley Orphanage	900.00	
"	Pajaro Valley Orphanage	750.00	
"	Roman Catholic Orphan Asylum	16,500.00	
"	Santa Cruz Female Orphanage	1,500.00	

CHARITIES AND CORRECTIONS—Continued

Code			
	Maintenance of Minors, Public Institutions—Continued.		
B–43	St. Francis Girls Directory	150.00	
"	San Francisco Nursery for Homeless Children	1,100.00	
"	S. F. Ladies' Protection and Relief Society	1,650.00	
"	St. Mary's Orphanage	2,800.00	
"	St. Vincent's Asylum	15,000.00	
"	S. F. Infants' Shelter	200.00	
"	The Presbyterian Orphanage	350.00	
"	Miscellaneous Homes	1,000.00	
"	Extra Allowance for increase of commitments	31,250.00	
			203,750.00
	Maintenance of Delinquent Minors.		
B–43	Magdalen Asylum	4,000.00	
"	State School for Girls (Whittier)	1,000.00	
"	State School for Boys (Whittier)	600.00	
"	State School for Boys (Preston)	6,000.00	
			11,600.00
	Maintenance of Feeble-Minded Children at Glen Ellen.		
B–43	Minor Children	32,000.00	
			32,000.00
	Widows' Pensions for Aid of Orphans, etc.		
B–43	Catholic Humane Bureau	66,500.00	
"	Children's Agency	57,500.00	
"	Eureka Benevolent Society	11,000.00	
			135,000.00
	Widows' Pension Bureau.		
A–11	Director	1,800.00	
"	Assistant Director	1,200.00	
"	Social Service Nurse	1,200.00	
"	Stenographer-Bookkeeper	1,080.00	
A–12	Extra Services	420.00	
			5,700.00
	Expense—		
B–11	Carfare	100.00	
B–6	Printing	80.00	
D–1	Stationery	90.00	

CHARITIES AND CORRECTIONS—Continued

Code			
	Widows' Pension Bureau—Continued.		
B–31	Postage	50.00	
D–9	Incidentals	30.00	
			350.00
H–3	Burial of Indigent Dead	7,500.00	
"	Burial of Ex-Union Soldiers & Sailors	5,000.00	
	Total $782,880.		12,500.00

RECREATION.

	Playgrounds.		
A–11	Consulting Superintendent	1,000.00	
"	Secretary	2,100.00	
"	Assistant Secretary	1,500.00	
"	General Foreman	1,200.00	
"	Directors South Side Playgrounds—2 at $1,200 each	2,400.00	
"	Gardener South Side	1,080.00	
"	Caretaker	1,080.00	
"	Director North Beach Playgrounds	1,200.00	
"	Director North Beach Playgrounds	1,020.00	
"	Caretaker	1,200.00	
"	Director Jackson Park	1,080.00	
"	Director Jackson Park	1,200.00	
"	Caretaker Jackson Park	960.00	
"	Gardener Jackson Park	1,080.00	
"	Director Excelsior Park	1,200.00	
"	Director Excelsior Park	1,020.00	
"	Gardener	1,080.00	
"	Directors—2 at $1,200 each Hamilton Park	2,400.00	
"	Gardener	1,080.00	
"	Director Presidio Park	1,200.00	
"	Director Mission Park	1,020.00	
"	Substitutes—2 at $900 each	1,800.00	
"	Director Holly Park	900.00	
"	Supervisor of Athletics	1,380.00	
"	General Directors of Playgrounds—3 at $1,080 each	3,240.00	
"	Director Spring Valley	900.00	
"	Swimming Instruction	1,200.00	
"	Directors of Playgrounds	5,000.00	
			41,520.00

RECREATION—Continued

Code			
	Playgrounds—Continued.		
A–13	Labor	3,000.00	
B–11	Carfare	100.00	
B–2	Cartage and Transportation	120.00	
B–53	Storage of Motor Vehicles	180.00	
B–6 & D–1	Printing and Sationery	250.00	
B–31	Postage	70.00	
B–7	Advertising	40.00	
C–5	Cement and Lime	400.00	
D–8	Disinfectants	400.00	
D–9	Electrical Material	250.00	
D–2	Fuel Oil	80.00	
T–1	Furniture	300.00	
E–3	Gas and Electricity	500.00	
C–4	Hardware	1,200.00	
C–6	Plants and Seeds	60.00	
D–8	Cleaning Supplies	150.00	
T–2	Athletic Equipment	3,300.00	
D–9	Glass and Glazing	150.00	
C–5	Loam and Clay	350.00	
C–1	Lumber	450.00	
C–2	Paints and Oils	600.00	
C–4	Plumbing Material	500.00	
H–7	Rent of Piano	80.00	
B–2	Teaming	500.00	
B–9	Laundry Service	650.00	
T–5	Wire .Fence	1,500.00	
E–6	Water	3,500.00	
R–2 & S–3	Purchase of Land and Construction	27,500.00	
			46,180.00

Total Playgrounds $87,700.

Park Funds.

A–11	Administrative Superintendent	6,000.00	
"	Secretary	2,100.00	
"	Accountant	1,800.00	
"	Clerk	1,200.00	
"	Stenographer	1,080.00	
"	Chauffeur	1,500.00	
"	Surveyor	1,800.00	
			15,480.00

RECREATION—Continued

Code			
	Museum.		
A–11	Curator	2,100.00	
"	Assistant	1,800.00	
"	Taxidermist	1,200.00	
"	Stenographer	900.00	
"	Printer	840.00	
"	Clerks and Attendants	3,600.00	
			10,440.00
	Engineers and Fireman.		
A–11	Chief Engineer	1,800.00	
"	Assistant Engineer	1,320.00	
"	Fireman	1,200.00	
"	Oiler	1,200.00	
"	Windmill-man	1,020.00	
"	Windmill-man	900.00	
			7,440.00
	Keepers.		
A–11	Lavatory Attendants—5 at $480 each	2,400.00	
"	Keeper of Tennis Courts	1,080.00	
"	Keepers of Live Stock—4 at $900 each	3,600.00	
			7,080.00
	General Running Expense.		
A–13	Foremen—22 at $4.00 per day	26,000.00	
"	Foremen—17 at $3.50 per day	17,850.00	
"	Gardeners—14 at $3.00 per day	14,700.00	
"	Teamsters when required	15,500.00	
"	Laborers when required	124,000.00	
"	Carpenters	1,800.00	
"	Painters	3,600.00	
"	Cement Finishers	2,500.00	
"	Stablemen	3,300.00	
"	Quarryman	1,050.00	
"	Plumber	1,100.00	
"	Motor-driver	1,050.00	
"	Auto Truck Driver	1,200.00	
"	Apprentices	2,050.00	
"	Utilitymen	2,500.00	
"	Blacksmith and Helper	2,100.00	
"	Playground Employees	8,400.00	
			228,700.00

RECREATION—Continued

General Running Expense—Continued.

Code	Expense—		
B–7	Advertising	15.00	
D–9	Ammunition and Powder	350.00	
T–8	Birds and Animals	440.00	
D–6	Auto and Motor Supplies and Repairs	1,200.00	
B–6	Blue Prints	35.00	
D–9	Boiler Compound	500.00	
C–5	Cement and Lime and Road Dressing	3 250.00	
D–3	Confections, Soda, etc	6,900.00	
B–9	Concerts	10,000.00	
T–1	Crockery, Glassware and Table Supplies	300.00	
D–7	Drugs	500.00	
D–4	Dry Goods	900.00	
D–9	Electrical Supplies	300.00	
E–1	Gas	700.00	
E–3	Electric Service	3,200.00	
E–6	Water	25,000.00	
D–1	Draughtsmen Supplies	150.00	
D–2	Fuel and Oil	3,200.00	
D–5	Forage	13,600.00	
D–8	Lavatory Supplies	1,600.00	
D–8	Fertilizers	500.00	
T–5	Hardware and Farming Implements	6,000.00	
D–6	Gasoline	900.00	
B–2	Freight and Drayage	1,200.00	
D–3	Groceries and Provisions	6,000.00	
D–5	Harness	325.00	
T–5	Hose and Rubber Goods	1,000.00	
H–4	Insurance	65.00	
C–1	Lumber	2,500.00	
D–8	Laundry	500.00	
C–5	Loam and Clay	2,660.00	
C–2	Paints and Oils	1,600.00	
C–6	Plants and Seeds	2,000.00	
C–4	Plumbing Material	2,000.00	
D–1 & B–6	Printing and Stationery	1,200.00	
S–3	Sewer Pipe	380.00	
T–1	Sporting Goods and Safety Appliance	350.00	
T–9	Water Works Equipment	6,000.00	
T–1	Furniture	150.00	
T–2	Tennis Nets	450.00	
	Total $382,200.		113,060.00

EDUCATION.

Code			
	Public Library.		
A–11	Librarian	3,000.00	
"	Secretary	3,000.00	
"	Assistant Secretary	1,200.00	
"	Reference Librarian	1,200.00	
"	Superintendent Branch Library	1,200.00	
"	Office Assistants—2 at $1,080 each	2,160.00	
"	Chief Cataloguer	1,200.00	
"	Assistant Cataloguer	1,080.00	
"	Assistant Cataloguers—2 at $900 each	1,800.00	
"	Branch Librarians—4 at $1,080 each	4,320.00	
"	Branch Librarians—3 at $900 each	2,700.00	
"	Desk Assistants—23 at $600 each	13,800.00	
"	Desk Assistants—2 at $660 each	1,320.00	
"	Desk Assistants—2 at $720 each	1,440.00	
"	Desk Assistants—4 at $780 each	3,120.00	
"	Desk Assistants—3 at $840.00 each	2,520.00	
"	Desk Assistants—8 at $900 each	7,200.00	
"	Station Keeper—1 at $360	360.00	
"	Station Keepers—2 at $180 each	360.00	
'	Station Keepers—11 at $144 each	1,584.00	
'	Head Janitor	1,080.00	
'	Assistant Janitors—11	6,720.00	
'	Special Assistant	1,020.00	
'	Special Officer	900.00	
'	Deliveryman	900.00	
'	Book Repairers	1,440.00	
"	Pages—15 at $192 each	2,880.00	
"	Pages—9 at $300 each	2,700.00	
"	Elevator Operators—2	1,380.00	
A–12	Substitutes	2,190.00	
			75,774.00
	Public Library—Maintenance.		
B–6	Printing and Binding	8,000.00	
D–1	Stationery	3,500.00	
D–2	Fuel	1,400.00	
D–9	Miscellaneous Supplies	3,500.00	
E–5	Water Service	2,000.00	
H–4	Insurance	1,000.00	
H–7	Rent	1,900.00	
T–1	Furniture	4,450.00	
T–2	Books and Periodicals	30,000.00	
			55,750.00
	Total $131,524.		

EDUCATION—Continued

Code			
	School Department.		
	Executive.		
A–11	Commissioners—4 at $3,000 each	12,000.00	
"	Secretary	1,800.00	
"	Superintendent of Schools	4,000.00	
"	Chauffeur	1,500.00	
			19,300.00
	Business Administration.		
A–11	Deputy Superintendents—5 at $3,000	15,000.00	
"	Stenographer-Clerk	1,800.00	
"	Stenographer Superintendent's Office	1,320.00	
"	Messenger	1,200.00	
"	Financial Secretary—Board of Directors	2,280.00	
"	Assistant Secretary	1,200.00	
"	Clerk	1,020.00	
"	Stenographer	1,320.00	
"	Stenographer	1,080.00	
"	Filing Clerk and Telephone Operator	1,080.00	
"	Messenger	1,200.00	
			28,500.00
	School Department—Buildings and Storeroom.		
A–11	Storekeeper	1,800.00	
"	Assistant Storekeeper	1,080.00	
"	Bookkeeper	1,800.00	
"	Superintendent of Buildings	2,100.00	
"	Inspectors of Gas and Water	1,500.00	
A–13	Janitors and Janitresses—147	123,230.00	
A–11	Engineers—3 at $1,500 each	4,500.00	
"	Foreman	1,200.00	
A–13	Cabinet Maker	1,500.00	
"	Varnishers—2 at $1,500 each	3,000.00	
"	Laborers—9 at $1,050 each	9,450.00	
			151,160.00
	Elementary Schools—Day Classes.		
A–11	Principals—86 averaging $1,990 per annum	171,100.00	
"	Vice-Principals—38 averaging $1,586 per annum	60,300.00	
"	Teachers—1,116 averaging $1,105 per annum	1,234,416.00	
			1,465,816.00

EDUCATION—Continued

Code			
	Evening Classes.		
A–11	Principals—4 averaging $975 per annum	3,900.00	
"	Dept. Heads—2 averaging $1,080 per annum	2,160.00	
"	Teachers—36 averaging $660 per annum	23,760.00	
			29,820.00
	High Schools—Day Classes.		
A–11	Principals—5 averaging $3,240 per annum	16,200.00	
"	Vice-Principals—5 averaging $2,160 per annum	10,800.00	
"	Dept. Heads—23 averaging $2,050 per annum	47,150.00	
"	Teachers—141 averaging $1,601 per annum	225,740.00	299,890.00
	High Schools—Evening Classes.		
A–11	Principals—2 averaging $1,410 per annum	2,820.00	
"	Dept. Heads—2 averaging $1,110 per annum	2,220.00	
"	Teachers—54 averaging $780 per annum	42,120.00	
			47,160.00
	Department of Industrial Education.		
A–11	Teachers averaging $1,338 plus per annum	17,400.00	
"	Teachers Music—2 at $1,488 per annum	2,976.00	
"	Teachers Drawing—4 averaging $1,284 per annum	5,136.00	
"	Teachers Home Economics—16 averaging $1,657 plus per annum	16,600.00	
"	Teacher Primary Reading	2,040.00	
			44,152.00
	Physical Culture.		
A–11	Teachers—7 averaging $1,465 plus	10,260.00	
			10,260.00
"	Dept. of Athletics, Elementary—7 Teachers at $1,320 each	9,240.00	
"	Dept. of Athletics, High—7 Teachers at $1,200 each	8,400.00	
			17,640.00

EDUCATION—Continued

Code			
	Physical Culture—Continued.		
A–11	Dental Clinics	1,800.00	
			1,800.00
"	Social Center—as may be required	2,500.00	
			2,500.00
A–13	Automatic Increase of Teachers' Salaries	6,325.00	
			6,325.00
H–8	Vacancies to be filled—20 Teachers at $1,020 each	20,400.00	
			20,400.00
A–11	New Teachers Elementary—40 at $900	36,000.00	
"	New Teachers Elementary—30 at $1,020	30,600.00	
"	New Teachers High—12 at $1,620	16,200.00	
			82,800.00
	Total Salaries $2,227,523.		
B–7	Expense Advertising	50.00	
K–9	Superintendent's Expenses (Contingent)	1,200.00	
B–12	Automobile Hire	1,440.00	
D–9	Auto Repairs	250.00	
B–2	Scavenger Services	4,500.00	
"	Cartage	2,000.00	
B–31	Postage	800.00	
B–3	Telephone Service	30.00	
B–6	Printing and Binding	2,000.00	
"	Press Clippings	30.00	
D–8	Window Cleaning and Janitor Supplies	8,300.00	
	School Department Expense.		
C–4	Hardware and Electrical Material	3,000.00	
T–2	Books	6,000.00	
B–11	Carfare	300.00	
D–2	Fuel and Oil	17,000.00	
E–2 & 3	Gas and Electricity	11,500.00	
D–1	Stationery	18,000.00	
B–9	Piano Repairs	200.00	
C–2	Paints	1,000.00	
K–9	Expense to Teachers' Convention	150.00	
H–4	Insurance	900.00	
C–1	Lumber	3,000.00	

EDUCATION—Continued

Code			
	School Department Expense—Continued.		
H–7	Rent of Buildings	3,000.00	
E–5	Water	12,000.00	
			96,650.00
	Equipment.		
T–2	Scientific Supplies	1,500.00	
D–8	Laboratory Supplies	1,200.00	
T–1	Cabinets and Furniture	10,000.00	
T–2	Home Economic Supplies	2,000.00	
"	Kindergarten Supplies	1,500.00	
T–9	Sundries	1,000.00	
T–2	Athletic Supplies	3,000.00	
"	Social Center	2,500.00	
			22,700.00
	Equipment New Schools.		
T–1	Daniel Webster	5,000.00	
"	Fairmount	8,000.00	
"	Redding	1,500.00	
"	Richmond	1,500.00	
"	High Schools	10,000.00	
			26,000.00
	General Repairs to Schools under Supervision of Board of Public Works.		
A–13	Carpenters	20,000.00	
"	Cement Finishers	9,000.00	
"	Glaziers	2,400.00	
"	Painters	14,000.00	
"	Plumbers	12,000.00	
"	Tinners	9,000.00	
"	Wiremen	600.00	
"	Locksmiths	1,500.00	
"	Laborers and Helpers	2,400.00	
"	Sewermen	600.00	
"	Teaming	3,500.00	
			75,000.00
	Expense—		
S–3	Asphalt	900.00	
B–9	Boiler Repairs	400.00	
B–11	Carfare	800.00	
S–3	Cement, Sand and Rock	3,000.00	
C–5	Chimneys	600.00	
D–9	Electric Supplies	500.00	

EDUCATION—Continued

Code			
	General Repairs—Continued.		
D–9	Glass	2,000.00	
C–4	Hardware	6,000.00	
C–1	Lumber	11,000.00	
C–2	Paints and Oils	5,000.00	
C–4	Plumbing Material	3,600.00	
D–9	Roofing	2,500.00	
"	Sundries	2,700.00	
	Total Schools $2,486,873.		39,000.00
	Firemen's Relief and Pension Fund.		
A–11	Salary of Secretary	600.00	
J-2	Pensions and Allowances	126,735.00	
			127,335.00
J–2	Exempt Firemen's Allowance	5,000.00	
			5,000.00
	Total		11,694,262.50

Funds and Accounts exempted from dollar limit of taxation:		
For the redemption of bonds sold since November 8, 1910, City and County	822,500.00	
For the payment of interest accounts since November 8, 1910, City and County	1,614,450.00	
Based on a total valuation of $695,000,000:		
For the redemption of bonds sold prior to November 8, 1910, State	548,000.00	
For the payment of interest accounts prior to November 8, 1910, State	578,686.00	
Grand Total		15,257,898.50

ESTIMATED REVENUE FROM SOURCES OTHER THAN TAXES.

Auditor	100.00
Sheriff	27,000.00
County Clerk	85,000.00
Recorder	70,000.00
Justices' Clerk	30,000.00
Board of Health	1,200.00
Police Department	1,000.00
Public Pound	2,000.00

ESTIMATED REVENUE FOR SOURCES OTHER THAN TAXES—Continued

Public Works, Engineer's Fees	25,000.00	
Dept. of Electricity	18,000.00	
Registrar of Voters	3,100.00	
Police Court Fines	16,700.00	
Licenses, Municipal	1,100,000.00	
Building Permits	25,000.00	
Library, Fines, etc	5,000.00	
Sale of Old Material Property	9,000.00	
Refund State Aid, Widows' Pensions	80,000.00	
Refund State Aid, Orphans	33,000.00	
Refund Juvenile Home	6,500.00	
Refund, Hospitals	700.00	
Refund, State Lunacy Commission	330.00	
Sanitary Reduction Works	17,500.00	
Interest on Loans	100,000.00	
Care of U. S. Prisoners en route	3,500.00	
Treasurer's Commission on Inheritance Tax	3,000.00	
Coroner	250.00	
Fire Department, Power Furnished Fort Mason	1,480.00	
Rent of City Property	2,000.00	
Rent of City Auditorium	25,000.00	
Percentage Street Railway Franchises	55,800.00	
Percentage Telephone Franchises	84,000.00	
Rent of Desk Room, Recorder	560.00	
Good Roads' Fund	130,000.00	
Special Inspection	40,000.00	
School Apportionment	725,000.00	
Rent of School Property	98,000.00	
Advertising	11,000.00	
Redemption of Property sold to the State	1,500.00	sale
Redemption of Property Sold to the State	89,000.00	redemption
Miscellaneous	3,000.00	
Water Works Fund	6,000.00	
State Aid for Tubercular Patients	12,000.00	
		$2,947,220.00
		90,000.00
		$2,857,220.00

Less Police Dept.	$70,877
Sheriff's Keepers	17,983
Miscellaneous	1,140
	$90,000

BONDS TO BE REDEEMED AND AMOUNTS NECESSARY TO PAY SAME—BONDS SOLD PRIOR TO NOVEMBER 8, 1910.

Funds	Year	Rate	Interest	Redemption
Street	1904	3½%	$ 10,587	$ 39,500
Jail	1904	3½%	1,827	17,400
Library	1904	3½%	7,193	40,100
Playground	1904	3½%	17,482	18,500
Park Extension	1904	3½%	7,749	8,200
Mission Park	1904	3½%	6,898	7,300
Fire Protection	1908	5 %	195,500	105,000
Schools	1908	5 %	121,800	116,000
Sewer	1908	5 %	118,750	65,000
Hospital	1908	5 %	42,000	56,000
Hall of Justice	1908	5 %	23,100	33,000
Garbage	1908	5 %	25,800	42,000
			$578,686	$548,000

BONDS TO BE REDEEMED AND AMOUNTS NECESSARY TO PAY THE INTEREST—ON BONDS SOLD SINCE NOVEMBER 8, 1910.

Funds	Year	Rate	Interest	Redemption	
Street	1904	3½%	$ 4,005	.....	
School	1904	3½%	15,715	$ 88,000	
Library	1904	3½%	25,931	.....	
Fire Protection	1908	5 %	44,500	25,000	
Schools	1908	5 %	87,400	82,500	
Sewer	1908	5 %	62,750	35,000	
Hospital	1908	5 %	33,000	43,500	
Hall of Justice	1908	5 %	11,900	17,000	
Garbage	1908	5 %	.....	7,500	
Polytechnic High	1910	4½%	21,937	25,000	
City Hall	1912	5 %	429,500	200,000	
Exposition	1912	5 %	218,000	200,000	
Hospital and Jails	1913	4½%	52,500	99,000	
Hetch Hetchy	1910	4½%	607,312	.....	
			$1,614,450	$ 822,500	
Totals			$2,193,136	$1,370,500	$3,563,636

RESUME

GENERAL GOVERNMENT	$ 1,687,730.50
PROTECTION TO PERSON AND PROPERTY	3,602,992.00
CONSERVATION OF HEALTH	1,074,518.00
HIGHWAYS	1,312,510.00
CHARITIES AND CORRECTION	782,880.00
RECREATION	482,900.00
EDUCATION	2,618,397.00
FIREMEN'S RELIEF, ETC.	132,335.00
TOTAL CURRENT EXPENSES	$11,694,262.50
BOND INTEREST AND REDEMPTION	3,563,636.00
GRAND TOTAL	$15,257,898.50

ESTIMATED REVENUE AND EXPENDITURES FOR THE PREPARATION OF THE TAX LEVY FOR THE FISCAL YEAR 1917-18.

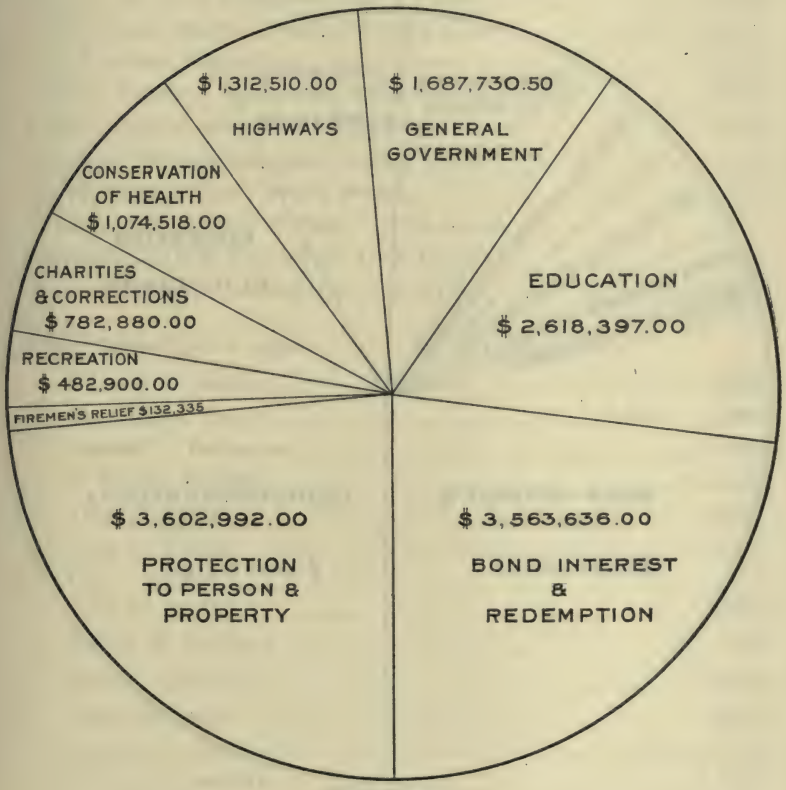
FUNDS	Expenditures	Receipts From Taxes	Receipts From Other Sources
Rate based on a valuation of $546,000,000			
General Fund—$1.00 limit of taxation	$ 7,078,140.50	$ 5,244,520.50	$1,833,620.00
Firemen's Relief and Pension Fund	127,335.00	127,335.00	
Park Funds—7c on each $100 assessed valuation	382,200.00	382,200.00	
School Fund	2,486,873.00	1,663,873.00	823,000.00
Library Fund	131,524.00	127,524.00	4,000.00
Elections	162,180.00	159,080.00	3,100.00
Cleaning, repairs to streets, sewers; construction	1,245,070.00	1,076,570.00	168,500.00
Construction and repairs to buildings	80,940.00	55,940.00	25,000.00
	11,694,262.50	8,837,042.50	2,857,220.00
Funds and Accounts exempted from dollar limit of taxation			
For the redemption of bonds sold since November 8, 1910, City and County	822,500.00	822,500.00	
For the payment of interest accounts since November 8, 1910, City and County	1,614,450.00	1,614,450.00	
Based on a total valuation of $695,000,000			
For the redemption of bonds sold prior to November 8, 1910, State	548,000.00	548,000.00	
For the payment of interest accounts prior to November 8, 1910, State	578,686.00	578,686.00	
	3,563,636.00	3,563,636.00	
	$15,257,898.50	$12,400,678.50	$2,857,220.00

SUMMARY

	Tax Levy	*$1.00 Limitation	Inside Charter Limit	
General Fund—$1.00 limitation	.9605			
Firemen's Relief Fund—$1.00 limitation	.0233	.9838	.0162	
Park Fund—Outside $1.00 limitation 7c	.07	.07		
School Fund—Outside $1.00 limitation 65c	.3047			
Library Fund—Outside $1.00 limitation limit	.0234			
Election Fund—Outside $1.00 limitation limit	.0291			
Streets and Sewers Fund—Outside $1.00 limitation limit	.1972			
Buildings	.0103	.5647	.0853	
Bond funds within limit	.6085	.6085		
	2.2270	2.2270	.1015	$554,190.0

* On each $100 assessed valuation.

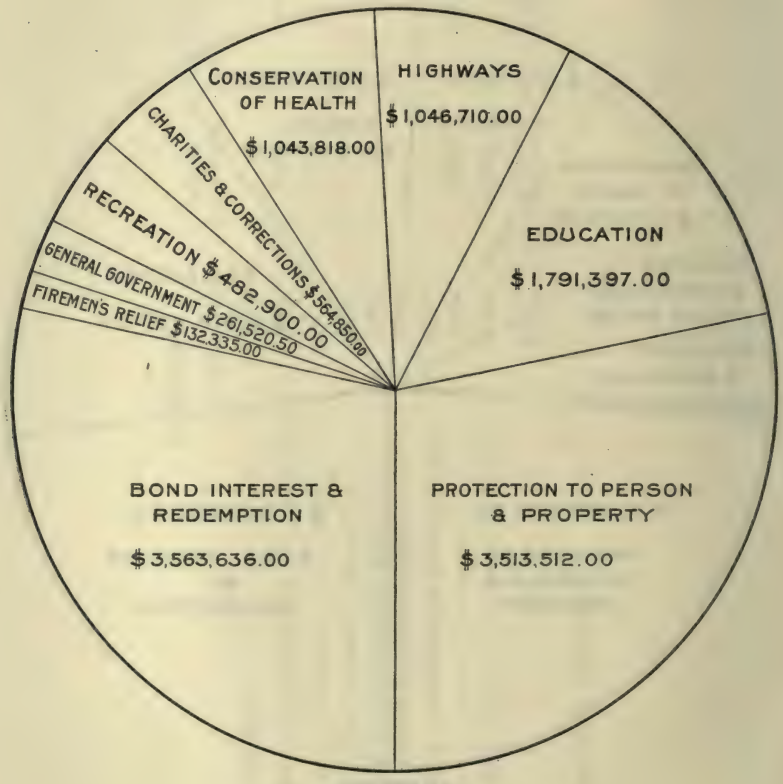
DISTRIBUTION OF MONEY DERIVED FROM ALL SOURCES INCLUDING TAXES
AUDITOR'S BUDGET ESTIMATE
1917-1918



TOTAL
$15,257,898.50

DISTRIBUTION OF MONEY DERIVED FROM TAXES
AUDITOR'S ESTIMATE OF EXPENDITURES OF
REVENUE FROM TAXATION

FISCAL YEAR 1917-1918



TOTAL
$ 12,400,678.50

LIST OF CITY AND COUNTY OFFICIALS (ELECTIVE)

	Expires
Mayor, James Rolph, Jr., term 4 years	1920
Auditor, Thomas F. Boyle, term 4 years	1920
Assessor, John Ginty, term 4 years	1920
Coroner, Dr. John Gallagher, term 4 years	1918
County Clerk, Harry I. Mulcrevy, term 4 years	1920
City Attorney, George Lull, term 4 years	1922
District Attorney, Charles M. Fickert, term 4 years	1920
Public Administrator, W. J. Hynes, term 4 years	1922
Recorder, Edmund Godchaux, term 4 years	1922
Sheriff, Thos. F. Finn, term 4 years	1920
Tax Collector, Edward F. Bryant, term 4 years	1922
Treasurer, John E. McDougald, term 4 years	1922
Supt. of Schools, A. Roncovieri, 4 years	1919

Supervisors—Term 4 years.

Edward J. Brandon	1920
Cornelius J. Deasy	1922
Andrew J. Gallagher	1922
J. Emmet Hayden	1920
John D. Hynes	1920
Fred L. Hilmer	1922
Oscar Hocks	1920
John C. Kortick	1920
Joseph F. Lahaney	1920
Joseph Mulvihill	1920
Ralph McLeran	1922
Charles A. Nelson	1922
Eugene E. Schmitz	1922
James E. Power	1922
Fred Suhr, Jr.	1922
James B. McSheehy	1922
Richard J. Welch	1920
Edward I. Wolfe	1920

Superior Judges.—Term 6 years.

Dept.	1—John A. Nourse	1923
	2.—F. J. Murasky	1923
	3.—James M. Trout	1923
	4—J. J. Van Nostrand	1921
	5.—John Hunt	1921
	6.—Frank H. Dunne	1921
	7.—E. P. Mogan	1919
	8.—G. A. Sturtevant	1921
	9.—J. V. Coffey	1919
	10.—Thos. F. Graham	1919
	11.—Franklin A. Griffin	1919
	12.—Geo. H. Cabaniss	1923
	13.—Daniel C. Deasy	1921
	14.—Geo. E. Crothers	1921
	15.—E. P. Shortall	1921
	16—Bernard J. Flood	1921

Police Judges—Term 4 years.

Dept.	1.—T. I. Fitzpatrick	1920
	2.—John J. Sullivan	1922
	3.—Matthew Brady	1922
	4.—Morris Oppenheim	1920

Justices of the Peace—Term 4 years.

Dept.	1.—A. F. Barnett	1919
	2.—Chas. A. A. Creighton	1919
	3.—James G. Conlan	1919
	4.—Frank J. Deasy	1919
	5.—M. J. Roche	1919

LIST OF COMMISSIONERS FOR THE CITY AND COUNTY AND EXPIRATION OF THEIR TERM OF OFFICE

CIVIL SERVICE COMMISSION

Geo. A. Tracy ..... Term expires July 1, 1923
E. A. Walcott ..... Term expires July 1, 1919
John J. O'Toole ..... Term expires July 1, 1921

BOARD OF EDUCATION

Miss Sallie J. Jones ..... Term expires Jan. 8, 1919
Geo. E. Gallagher ..... Term expires Jan. 8, 1920
A. A. D'Ancona ..... Term expires Jan. 8, 1922
Agnes G. Regan ..... Term expires Jan. 8, 1921

DEPARTMENT OF ELECTIONS

C. J. Collins ..... Term expires Jan. 8, 1920
Thos. V. Cator ..... Term expires Jan. 8, 1919
J. K. Prior, Jr. ..... Term expires Jan. 8, 1922
William McDevitt ..... Term expires Jan. 8, 1920
John Herman ..... Term expires Jan. 8, 1921

BOARD OF FIRE COMMISSIONERS

Wm. C. Mikulich ..... Term expires Jan. 8, 1922
John F. Davis ..... Term expires Jan. 8, 1920
T. R. Herring ..... Term expires Jan. 8, 1919
F. C. Sykes ..... Term expires Jan. 8, 1921

PLAYGROUND COMMISSION

Rev. D. O. Crowley ..... Term expires Jan. 8, 1920
John McLaren ..... Term expires Jan. 8, 1920
Marshall Hale ..... Term expires Jan. 8, 1920
Mrs. M. S. Hayward ..... Term expires Jan. 8, 1920
Miss Agnes G. Regan ..... Term expires Jan. 8, 1920
Geo. E. Gallagher ..... Term expires Jan. 8, 1920
Angelo J. Rossi ..... Term expires Jan. 8, 1920

PARK COMMISSIONERS

John A. McGregor ..... Term expires Jan. 8, 1921
Earl M. Cummings ..... Term expires Jan. 8, 1922
Curtis H. Lindley ..... Term expires Jan. 8, 1920
A. B. Spreckels ..... Term expires Jan. 8, 1920
Sigmund Greenbaum ..... Term expires Jan. 8, 1919

BOARD OF POLICE COMMISSIONERS

James Woods ..... Term expires Jan. 8, 1921
Theodore J. Roche ..... Term expires Jan. 8, 1919
Jesse B. Cook ..... Term expires Jan. 8, 1920
Thos. E. Shumate ..... Term expires Jan. 8, 1918

BOARD OF PUBLIC WORKS

Timothy A. Reardon .....Term expires Jan. 8, 1919
Daniel G. Fraser .....Term expires Jan. 8, 1921
Adolph Judell .....Term expires Jan. 8, 1920

DEPARTMENT OF PUBLIC HEALTH

Dr. A. P. O'Brien .....Term expires Dec. 23, 1920
Guy E. Manning, M. D. .....Term expires Dec. 23, 1921
L. A. Arnstein .....Term expires Dec. 23, 1922
Geo. B. Somers, M. D.....Term expires Dec. 23, 1923
Frank J. Klimm .....Term expires Dec. 23, 1924
Arthur M. Sharp .....Term expires Dec. 23, 1918
Arthur H. Barendt .....Term expires Dec. 23, 1919

SEALER OF WEIGHTS AND MEASURES

Lawrence J. Dolan .....Under Civil Service

AUDITOR'S FINANCIAL STATEMENT AND GENERAL STATISTICS AS REPORTED TO UNITED STATES BUREAU OF COMMERCE AND STATE CONTROLLER FOR THE FISCAL YEAR ENDED JUNE 30th, 1917.

Name of City and County: San Francisco.
Population, United States Census, 1910.....416,912
Population Estimated, 1916 550,000
Date Incorporated .....May 1, 1850
Date re-incorporated .....April 19, 1856
Fiscal year begins .....July 1st, annually
Total number Parks 34.....Acreage 17,674
Total number Playgrounds 11.....Acreage 32.97
Territory: Land 46½ square miles. Water 80½ square miles.
1st Class City and County.

ASSESSED VALUE OF PROPERTY.

	1915-16	1916-17
Value of Real Estate Non-Operative	$302,575,489.00	$302,301,310.00
Value of Improvements	175,387,605.00	180,316,860.00
Value of Personal Property	64,599,962.00	72,132,000.00
Total Non-Operative Property	$542,563,056.00	$554,750,170.00
Value of Real Estate—Operative	8,046,400.00	8,299,230.00
Value of Improvements	4,498,670.00	4,640,020.00
Value of Personal Property	200,780,848.00	224,207,581.00
Total Operative Property	$213,325,918.00	$237,146,831.00
Total Assessed Value City and County Property	$755,888,974.00	$791,897,001.00
Value of Railroad Property Assessed by State Board	346,458.00	354,381.00
Total assessed value of all property	$756,235,432.00	$792,251,382.00

APPORTIONMENT OF TAX RATE ON EACH $100 VALUATION.

	1916-17	1917-18
General Fund	$1,410	$1,356
Library Fund	.020	.022
Park Fund	.070	.070
Firemen's Relief Fund	.020	.022
School Fund	.270	.285
Bond Interest and Redemption Fund	.540	.535
Total Tax Rates	$2.330	$2.290

Bonded Debt June 30, 1917	$45,745,900.00	
Sinking Fund June 30, 1917	1,375,427.17	
Net Bonded Debt		$43,370,472.83

Limitation of Bonded Debt, 15% on Total Assessed Valuation

Valuation of Properties owned by City and County (Estimated):

City Hall and Grounds	$11,397,578.00
Police Dept. including Hall of Justice	1,684,197.00
Fire Department	9,485,020.00
Schools	13,553,181.00
Libraries	1,532,335.00
Art Gallery, Museum and Zoo	6,378,113.00
Parks, including Playgrounds	34,227,186.00
City and County Jail	1,214,220.00
Emergency Hospital, including Tuberculosis Hospital	4,200,527.00
Relief Home and Juvenile Detention Home	895,657.00
Street Dept. Equipment and bond	200,000.00
Isolation Hospital	100,972.00
Health Dept. Equipment	12,283.00
Election Booths	25,000.00
Fire and Police Alarm Systems	418,666.00
Garbage Disposal Plant	325,596.00
Corporation Yard	65,000.00
Water Supply System	4,129,865.00
Auditorium	2,007,712.00
Municipal Street Railway	5,677,089.00
Miscellaneous Real Estate	375,000.00
	$97,905,197.00

Cash on hand beginning of year, July 1, 1916	10,525,701.09	
Outstanding Warrants, July 1, 1916	1,216,737.90	
Auditor's Balance to Credit of Funds, July 1, 1916		$ 9,308,963.19

CLASSIFIED RECEIPTS.

July 1, 1916 to June 30, 1917.

Revenue Receipts: Taxes—

Code No.			
1–A	General, School, Library and Park Funds	$ 9,369,758.26	
1–A	Bond Redemption and Interest Funds	3,205,996.62	
1–A	Firemen's Relief Fund	108,832.42	
2–D	Received from State act. Bonded Indebtedness	267,907.36	$12,952,494.66
4–A1	Special Assessment Taxes and and Interest	$ 585,583.88	$ 585,583.88
5–A	Licenses—Liquor	953,195.00	
5–B	Other Business	199,830.00	
5–C	Dog	10,189.00	
5–D	Concealed Weapons	183.00	
5–D	Motor Vehicle—½ net collection by State	111,837.85	
5–E	Marriage	12,710.00	
5–E	Permits—Billboard	287.00	
5–E	Building	25,457.00	
	Total Licenses and Permits		$ 1,313,688.85

Fines, Forfeitures, Escheats, Etc.

6–B	Fines	12,853.50	
6–D	Unclaimed Salaries, City and County Hospital	440.68	
6–D	Cash found on bodies—Coroner	541.88	
6–D	Unclaimed cash from prisoner—Police Relief Fund	503.88	
6–D	Sales old property, Police Relief Fund	754.65	
	Total		15,094.59

CLASSIFIED RECEIPTS—Continued

Code No.			
7–A	Franchises—Street Railways and Telephone Co.	148,658.85	148,658.85
8–B	Rents—School Property, etc	98,731.15	
	Miscellaneous Real Estate	22,046.85	
	Total Rent		$ 120,778.00
	Interest—		
9–B	Municipal Railway Investment Fund	1,329.75	
9–B	Municipal Railway Depreciation Fund	21,500.50	
9–C	Denman Medal Fund	150.00	
9–C	Robinson Bequest Fund	2,000.00	
9–C	Windel Bequest Fund	800.00	
9–D	On Deposits	100,364.32	
	Total Interest		126,144.57
	Subventions, Gifts and Pension Fund Dues—		
10–A	From State for Schools	724,547.11	
10–B	From State for Orphans	15,707.85	
10–B	For State for Widows	67,778.97	
11–A	Donations in Coin Boxes for Parks	54.02	
11–B	Donations for Parks	7,047.36	
11–B	Donations Spreckels-Murphy Bequest Fund	43,883.29	
11–D	Pension Fund Dues—Police Relief Fund	19,818.00	
	Total		878,836.60
	Departmental Receipts—		
13	Legislative—Sale of Ordinance Books	74.00	74.00
15	Finance—Auditor's Fees	122.50	
15	Treasurer Fees	5.00	127.50
17	Engineer—Surveys	24,694.00	24,694.00
18	Elections—Registrar of Voters—fees	1,396.13	
18	Candidates' Filing Fees	1,346.04	2,742.17

CLASSIFIED RECEIPTS—Continued

Departmental Receipts—Continued

Code No.			
19	Judicial—Lunacy Commissioners' Fees	360.00	
19	Coroner's Fees	23.60	
19	Justice Courts	30,417.00	
19	Sheriff	26,649.19	
19	County Clerk	82,456.32	139,906.11
	Municipal Buildings—		
20	Damage to Hall of Justice	37.00	
20	Rentals City Hall	49.70	
20	Desk Rents—Recorders Office	570.00	
20	Sale of Ruins, Old City Hall	2,185.00	
20	Sale old Hall of Records	5,272.50	8,114.20
	Police Department—		
23	Damages to Auto Patrol	200.00	
23	Taximeter Inspection	109.00	
23	Rewards of Officers—Police Relief Fund	185.00	
23	Miscellaneous Sales, etc.	739.66	1,233.66
	Fire Department—		
24	Damages to Hydrants and Apparatus	145.07	
24	Removal of Hydrant	120.90	
24	Sale of Power to U. S.	1,743.64	
24	Board of Fire Com'rs—Advertising Fees	112.90	
24	Sale of old property	2,760.53	4,883.04
26	Recorder—Fees	68,507.55	68,507.55
	Department of Electricity—		
27	Inspection of Electric Wiring—Fees	16,886.94	
28	Miscellaneous Sales, Fire and Police Alarm	1,687.75	18,574.69
28	Pound—Sales of animals, etc.	2,139.65	2,139.65

CLASSIFIED RECEIPTS—Continued

Code No.			
	Health Department—		
30	Miscellaneous sales	291.00	
31	Registration Births and Deaths	1,177.00	
32	Care of patients—Tuberculosis Hospital	5,661.54	
32	Care of Patients — Isolation Hospital	318.50	7,448.04
38	Sanitary Reduction Plant—Rental	17,500.00	17,500.00
	Highways—		
44	Sale of Cobblestones	46.43	
44	Sales old equipment, etc.	809.78	
45	Damage to Bridge	8.50	
52	Reimbursement for work at S. P. R. R. Crossings	2,499.26	
52	Special Inspection — Contractor's fees	43,132.30	46,496.27
	Charities and Corrections—		
56	Relief Home—care of patients	1,206.93	
56	Miscellaneous	124.37	
59	City and County Hospital	778.15	
62	Board of U. S. Prisoners	3,540.80	
64	Juvenile Court fees	5,940.47	11,590.72
	Schools—		
66	Examination and certificate fees	632.00	
66	Damage to property	11.80	
66	Sales of old property	6,271.13	
66	Miscellaneous	390.27	7,305.20
	Library—		
67	Book fines	4,318.60	
67	Damages and lost books	207.75	
67	Sales of furniture	1,036.25	5,562.60
	Recreation—Park Fund—		
69	Sales and shipments of animals	1,183.60	
71	Rent of Boat House	300.00	
71	Rent of Japanese Tea Garden	600.00	
71	Miscellaneous sales, etc.	993.79	
71	Park rentals	244.60	
72	Beach chalet receipts	3,556.85	
72	Children's Quarters receipts	34,220.60	41,099.44

CLASSIFIED RECEIPTS—Continued

Code No.			
Unclassified and Undistributed—			
76–B	Advertising	10,887.20	
76–B	Municipal Record	903.50	
77–C	Indemnity, Fidelity & Trust Co.	1,000.00	12,790.70
Public Service Enterprises—			
81	Water Supply System, Water Rentals	6,492.14	
81	Miscellaneous Sales	47.50	6,539.64
Auditorium—			
88	Hall Rentals	24,176.86	
88	Organ Rentals	3,844.50	
88	Concerts	2,001.45	30,022.81
Municipal Railway—			
89	Passenger Receipts	1,485,117.04	
89	Advertising in Cars	19,358.22	
89	Sales materials, etc.	3,840.61	
89	Miscellaneous	34.95	1,508,350.82
Non-Revenue Receipts—			
97–A	Sale of Bonds—Par Value	2,090,000.00	
97–A	Sale of Bonds—Premium	6,008.00	2,096,008.00
Receipts for State of California—			
98	Taxes — Delinquent from prior years	1,445.97	
98	Taxes—Inheritance	1,218,857.89	
98	School Teachers' Retirement fund	20,442.00	
98	Maintenance Inmates of State Schools	46,184.41	
98	Fines—Violation State Laws	5,647.50	1,292,577.97
Private Trust Funds—			
99–B	Duplicate Tax Fund	6,373.14	
99–B	Excavation Fund	19,954.85	
99–B	House Moving Funds	2,715.00	
99–B	Police Court Bail Money Fund	795,130.00	
99–B	Special Permit Fund	47,853.00	
99–B	Special Badge Fund	185.00	
99–B	Tearing up Streets Fund	54,956.95	927,167.94

CLASSIFIED RECEIPTS—Continued

Code No.			
Treasurer's Court and Trust Funds—			
99–B	County Clerk's Special Deposits Fund	739,160.51	
99–B	Absent Heirs Fund	16,734.25	
99–B	Absent Creditors' Fund	15.00	
99–B	Public Administrator's Fund	16,908.62	772,818.38
Sale of Investments—			
100–B	Municipal Railway Investment Fund	56,700.00	56,700.00
102–A	Receipts to Correct erroneous Payments	12,980.79	
102–B	Receipts in error later refunded	124,864.49	
102–C	Receipts of accrued interest on bonds sold	63,868.19	201,713.47
Reimbursement—			
104	Board of Public Works from Fire Department	98.40	98.40
106	Accounting Credits — Assessor's and Tax Collector's accounts distributed to funds	1,117,885.01	1,117,885.01
	Grand Total of all Receipts		**$24,571,951.78**

CLASSIFIED PAYMENTS, JULY 1, 1916 TO JUNE 30, 1917.

GENERAL GOVERNMENT.

Legislative.

Code No.			
13–C	Board of Supervisors Salaries and Expenses	$ 89,089.10	
13–B	Clerks to Supervisors, Salaries and Expenses	27,955.00	$ 117,044.10

Executive.

14–A	Mayor—Salaries and Expenses	24,844.18	
15–A	Auditor—Salaries and Expenses	34,446.84	
15–B	Installing Accounting System	9,755.00	
15–C	Treasurer—Salaries and Expenses	31,357.37	
15–D	Assessor, including $6,874.75 assessment Roll	125,089.98	
15–E	Tax Collector, Salaries and Expenpenses	77,704.18	
15–F	Other Finance Expense	996.39	304,193.94

Legal.

16–A	City Attorney—Salaries and Expense	67,208.07	67,208.07

Other General Executive.

17–B	City Engineer—Salaries and Exp.	69,582.57	
17–C	Bd. of Works—Salaries and Exp.	117,078.29	
17–D	Civil Service Com. Salaries and Expenses	21,516.73	
17–E	Superintendent Public Buildings, Salaries and Expenses	5,400.00	
17–J	Board of Architects, Salaries and Expenses	12,480.00	
17–J	Department of Surveys, Salaries and Expenses	58,920.00	
17–J	Bureau of Complaints, Salaries and Expenses	17,020.00	
17–I	Dues, League of Municipalities	60.00	302,057.59

Elections.

18	General and Special	190,224.60	
18	Commissioners of Elections — Salaries	5,125.00	
18	Registrar of Voters—Salaries and Expenses	21,100.35	216,449.95

CLASSIFIED PAYMENTS—Continued

General Government—Continued

Judicial.

Code No.			
19–A	Police Courts—Salaries & Exp.....	30,147.52	
19–B	Justices' Courts—Salaries & Exp.	34,904.57	
19–D	Superior Courts—Salaries & Exp.	153,954.18	
19–D	District Attorney—Salaries & Exp	71,073.93	
19–D	County Clerk—Salaries & Exp.....	101,849.96	
19–D	Dynamite Investigation—District Attorney	7,999.83	
19–D	Grand Jury—Salaries & Exp.....	7,869.09	
19–D	Examination of Insane	10,850.00	
19–E	Coroner—Salaries and Expenses....	20,614.41	
19–F	Sheriff—Salaries and Expenses	64,371.45	503,634.94

City Hall and Civic Center.

20	Salaries and Expenses	142,304.91	
20	Outlays	262,072.79	
20	Rent of Offices and Buildings.....	6,569.47	410,947.17
	Total General Government.....		$ 1,921,535.76

PROTECTION TO PERSON AND PROPERTY.

23	**Police Department—**		
	Salaries and Expenses.....$	1,530,398.05	
	Dynamite Investigation Exp.....	3,890.37	
	Contributions to Pensions	22,484.00	
	Outlays	4,197.10	1,560,969.52
24–A	**Fire Department.**		
24–A	Salaries and Expenses	1,544,627.21	
24–B	Water for Hydrants	131,994.15	
24–B	Repairs to Hydrants	3,630.00	
24–A	Outlays	155,019.59	1,835,270.95
26	**Recorder.**		
	Salaries and Expenses.....	68,858.28	68,858.28
27–A	**Building Inspection.**		
	Salaries and Expenses	30,264.50	30,264.50
27–B	**Plumbing Inspection.**		
	Salaries and Expenses	9,725.00	9,725.00

CLASSIFIED PAYMENTS—Continued

Protection to Person and Property—Continued

Code No.			
27–C	**Sealer Weights and Measures.**		
	Salaries and Expenses	14,869.16	
	Outlays	1,003.66	15,872.82
27–E	**Electric Inspection.**		
	Salaries and Expenses	13,791.65	13,791.65
27–E	**Industrial Inspection.**		
	Salaries and Expenses	6,117.50	6,117.50
27–F	**Light and Water Inspection.**		
	Salaries and Expenses	3,569.95	3,569.95
27–F	**Horticultural Inspection.**		
	Salaries and Expenses	1,898.25	1,898.25
28–A	**Fire and Police Alarm.**		
	Salaries and Expenses	71,676.62	
	Outlays	33,665.65	105,342.27
28–C	**Pound.**		
	Expenses	10,000.00	10,000.00
28–F	**Morgue.**		
	Salaries and Expenses	7,855.08	7,855.08
28–F	**Board of Censors.**		
	Expenses	62.50	62.50
28–F	**Public Administrator.**		
	Expenses	424.45	424.45
	Total Protection to Life and Property		$ 3,670,022.72

HEALTH AND SANITATION.

30	**Health Department.**		
	Salaries and Expenses	64,375.84	
	Outlays	2,283.55	66,659.39
31	**Vital Statistics.**		
	Salaries	4,200.00	4,200.00

CLASSIFIED PAYMENTS—Continued

Health and Sanitation—Continued

Code No.			
32–A	**Tuberculosis Hospital.**		
	Salaries and Expenses	29,405.60	29,405.60
32–B	**Isolation Hospital.**		
	Salaries and Expenses	60,484.23	
	Outlays	982.71	61,466.94
32–C	**Other Prevention of Communicable Diseases.**		
	Fumigator's Expenses	109.80	
	Disinfectors' Salaries	3,000.00	3,109.80
33–C	**Medical Work for School Children.**		
	Salaries and Expenses	23,157.84	23,157.84
34–A	**Milk and Dairy Inspection.**		
	Salaries and Expenses	6,390.40	6.390.40
34–B	**Market and Food Inspection.**		
	Salaries and Expenses	30,260.30	30,260.30
36	**Sewers.**		
	Maintenance—Salaries and Exp...	159,782.92	
	Outlays	122,771.89	282,554.81
37	**Refuse Collection.**		
	Cleaning and Sweeping Streets....	355,493.51	
	Scavenger work for schools.....	4,320.00	359,813.51
38	**Refuse Disposal.**		
	Outlays—New Incinerator	11,596.48	11,596.48
40	**Comfort Stations.**		
	Salaries and Expenses	4,290.54	
	Outlays	802.00	5,092.54
41	Sanitary Inspection, Salaries and Expenses	21,007.89	21,007.89
41	**Tenement Inspection.**		
	Salaries and Expenses	4,375.00	4,375.00
	Total Health and Sanitation..		$ 909,090.50

CLASSIFIED PAYMENTS—Continued

HIGHWAYS.

Code No.			
43	**General Administration.**		
	Salaries	5,582.50	
44	**Streets, Roads and Alleys.**		
	Maintenance and repairs	620,072.56	
	Outlays—General	160,412.99	
	Good Roads Fund	126,029.51	
	Ocean Beach Esplanade	15,231.15	
	Twin Peaks and Stockton Street Tunnels	659,705.59	1,581,451.80
45	**Other Highway Structures.**		
	Watering Troughs and Fountains	2,587.03	
	Bridges		
	Maintenance	12,481.77	
	Outlays	64,707.52	79,776.32
49	Street Lighting	462,388.69	462,388.69
52	Work repairing for S. P. R. R.	2,499.26	
52	Special Inspection	69,273.55	71,772.81
	Total for Highways		$ 2,200,972.12

CHARITIES AND CORRECTIONS.

55	**Outdoor Relief.**		
	Burial Indigent Dead	4,843.50	
	Relief Unemployed	8,500.00	
	City Physician	2,400.00	
	Indigent Inspection	2,400.00	
	Robinson Bequest Interest Fund	2,000.00	
	Windel Bequest Interest Fund	800.00	20,943.50
56	**Relief Home.**		
	Salaries and Expenses	236,837.30	
	Outlays	13,657.20	250,494.50
57	**Care of Children.**		
	Maintenance of Orphans	171,916.32	
	Maintenance of Feebleminded	30,570.00	202,486.32

CLASSIFIED PAYMENTS—Continued

Charities and Corrections—Continued

Code No.			
59	**Hospitals.**		
	Salaries and Expenses	438,550.62	
	Outlays	526.75	439,077.37
60	**Insane.**		
	Maintenance Criminal Insane	2,872.73	2,872.73
62	**Correctional Institutions for Adults.**		
	Jails—Salaries and Expenses	147,559.12	
	Outlays	563,226.32	710,785.44

CORRECTIONAL INSTITUTIONS FOR MINORS.

63	**Juvenile Detention Home.**		
	Salaries and Expenses	20,827.87	
	Outlays	65,994.66	
	Care of Inmates Magdalen Asylum	6,315.30	
	Care of Inmates State Schools	9,487.39	102,625.22
64	**Probation Boards.**		
	Juvenile Court—Salaries and Exp.	37,679.29	37,679.29
	Total Charities and Corrections		$ 1,766,964.37

EDUCATION.

66	**Schools.**		
	Salaries and Expenses	2,341,742.96	
	Teachers' Institutes	1,697.17	
	Contributions to teachers' pensions	18,242.00	
	Outlays	453,180.65	2,814,862.78
67	**Library.**		
	Salaries and Expenses	85,482.20	
	Outlays	352,335.08	437,817.28
	Total for Education		$ 3,252,680.06

CLASSIFIED PAYMENTS—Continued

RECREATION.

Code No.				
69	**Museum, Zoo and Conservatory.**			
	Salaries and Expenses	36,324.79		
	Outlays	3,132.80		39,457.59
70	**General Recreation.**			
	Playgrounds—Salaries and Exp	78,098.19		
	Outlays	50,409.14		
	Music and Concerts	22,867.70		
	Celebrations	4,854.93		156,229.96
71	**Parks and Trees.**			
	Salaries and Expenses	252,736.58		
	Outlays	40,457.69		
	Spreckels—Murphy Bequest Fund	3,783.00		
72	Beach Chalet Expenses	3,731.51		
72	**Children's Quarters.**			
	Salaries and Expenses	38,559.20		
	Outlays	975.08		340,243.06
	Total for Recreation		$	535,930.61

MISCELLANEOUS PENSIONS.

74–A	Police Relief & Pension Fund	102,180.10		
74–B	Firemen's Relief & Pension Fund	119,014.41		
74–B	Relief Exempt Firemen	5,000.00		
74–E	Widows Pensions	118,819.93		345,014.44

RELIEF OF SOLDIERS AND SAILORS.

75	Burial of Soldiers and Sailors	$ 5,025.00	$	5,025.00

UNDISTRIBUTED AND UNCLASSIFIED.

76–B	Supt. of Supplies	8,100.00		
76–B	Board of Works, Storekeeping Division	16,667.00		
76–B	Printing Municipal Record	4,349.13		
76–B	Gasoline for City Autos	6,129.97		
76–B	Relief of various departments	6,592.55		
76–B	Photostat Room			
	Salaries and Expenses	2,792.04		
	Outlays	1,063.64		45,694.33

CLASSIFIED PAYMENTS—Continued

Undistributed and Unclassified—Continued

Code No.			
77–A	Personal Injuries	6,198.18	6,198.18
77–C	Liability Insurance — City Employees	7,078.13	7,078.13
78	Flowers—Gen. Funston's Funeral	52.50	52.50
	Total Miscellaneous		$ 409,062.58

PUBLIC SERVICE ENTERPRISES.

81	**Water Supply System.**		
	Salaries and Expenses	7,773.40	
	Outlays	5,166.57	
	Hetch Hetchy Project	1,624,697.95	1,637,637.92
88	**Auditorium.**		
	Salaries and Expenses	32,413.99	
	Outlays	7,711.59	40,125.58
89	**Municipal Railway.**		
	Salaries and Expenses	997,395.26	
	Outlays	177,089.48	1,174,484.74
	Total Public Service Enterprises		$ 2,852,248.24

ADMINISTRATION OF INVESTMENT FUNDS.

92	Commission Collecting Rents	519.69	519.69
93	**Administration of Public Trust Funds.**		
	Firemen's Relief & Pension Fund	600.00	
	Police Relief and Pension Fund	600.00	
	Widows' Pensions	5,990.19	7,190.19
	Total Governmental Costs		7,709.88

INTEREST PAYMENTS.

95–A	Interest on General Bonds	2,278,762.00	
95–B	Interest on Twin Peaks Bonds	3,639.06	2,282,401.06
	Total Interest		$ 2,282,401.06

CLASSIFIED PAYMENTS—Continued

REDEMPTION OF DEBT.

Code No.			
97–A	General Bonds Paid	$ 1,278,800.00	$ 1,278,800.00

PAYMENTS TO STATE.

98	Taxes—Delinquent, Property	1,445.97	
	Taxes—Inheritance	1,317,671.17	
	Fines	5,647.50	
	Other Cash payments	25,778.26	1,350,542.90
99–B	**Private Trust Funds.**		
	Duplicate Tax Fund	5,049.43	
	Excavation Fund	10,348.55	
	House Moving Funds	2,802.50	
	Police Court Bail Money Fund	797,755.00	
	Special Permit Fund	53,583.00	
	Special Badge Fund	175.00	
	Tearing Up Streets Fund	60,025.84	929,739.32
99–B	**Treasurer's Court and Trust Funds.**		
	County Clerk's Special Deposits Fund	241,648.05	
	Absent Heirs' Fund	403.22	
	Public Administrator's Fund	4,469.75	246,521.02
	Total Private Trust Funds		$ 1,176,260.34
100	**Investments Purchased.**		
	Municipal Railway Investment Fund	56,700.00	
	Liberty Bond Investment Fund	1,000,000.00	1,056,700.00
	Total Investments Purchased		$ 1,056,700.00
102–A	Payments correcting erroneous receipts	124,864.49	
102–B	Payments in error later refunded	12,980.79	
102–C	Payments of accrued interest on bonds	63,868.19	
102–D	Payments of accrued interest on investments purchased	722.02	202,435.49

CLASSIFIED PAYMENTS—Continued

REIMBURSEMENT.

Code No.			
104	Fire Dept. to Bd. of Works, for work	98.40	98.40
	Total Audits		$24,873,455.03
	Cash Balance June 30, 1917	$ 8,888,873.55	
	Outstanding Warrants June 30, 1917	1,046,155.40	
	Auditor's Cash Balance to credit of funds		$ 7,842,718.15

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

CERTIFICATE

This is to certify that the information contained in this schedule was obtained from official records, and grouped according to U. S. Census Bureau Classifications.

(Signed) R. B. LEACH,

Special Agent U. S. Census Bureau.

Dated October 6th, 1917.

STATEMENT OF AUDITS REGISTERED AGAINST ALL FUNDS AND APPROPRIATIONS AND CLASSIFIED WITHIN GENERAL GROUPS ACCORDING TO GOVERNMENTAL FUNCTIONS FOR 1916-1917, ALSO INCLUDING THE AMOUNTS AUDITED DURING THE CORRESPONDING PERIOD OF 1915-1916.

GENERAL GOVERNMENT

	1915-1916		1916-1917	
Assessor's Department:				
Salaries	$ 99,716.47		$ 105,956.77	
Expense	8,084.83		8,485.36	
Outlay		$ 107,801.30	1,521.25	$ 115,963.38
Block Books			3,539.79	3,539.79
Auditor's Department:				
Salaries	32,020.00		32,219.96	
Expense	3,216.22		3,414.73	
Outlay		35,236.22		35,634.69
Asessment Roll:				
Salaries	7,000.00	7,000,00	6,894.75	6,894.75
Civil Service Department:				
Salaries	20,261.54		19,591.80	
Expense	2,157.35		2,420.48	
Outlay	522.35	22,941.24		22,012.28
Board of Supervisors:				
Salaries	88,372.98		94,157.85	
Expense	28,636.45		29,427.41	
Printing Municipal Reports	4,552.33		4,398.53	
Printing Records and Documents	17,024.79		5,161.83	
Gasoline for Automobiles	3,202.33		6,350.39	

Investigating Water, Gas and Telephone Rate, etc.			5,069.73	
Outlay			1,500.00	
Installing Accounting System		141,888.88	9,755.00	155,820.74
Coroner's Department:				
Salaries	24,270.96		24,269.95	
Expense	2,672.12		3,018.90	
Outlay		26,943.08	47.56	27,336.41
Department of Elections:				
Salaries, Administrative	26,000.00		25,735.00	
Salaries, Election Clerks, etc.	183,913.20		133,946.05	
Expense	64,987.35		54,519.82	
Outlay	15,023.41	289,923.96	1,805.23	216,006.10
Mayor's Office:				
Salaries	17,520.00		17,520.00	
Expense	6,589.25		7,308.78	
Outlay	75.65	24,184.90	69.25	24,898.03
Tax Collector's Department:				
Salaries, Administrative	67,894.03		67,592.18	
Expense	6,300.37		6,603.92	
Outlay			449.50	
Salaries, Twin Peaks Tunnel Account	4,475.10	78,669.50		74,645.60
Treasurer's Office:				
Salaries	27,699.96		27,974.96	
Expense	2,781.67		2,382.45	
Outlay		30,481.63		30,357.41

GENERAL GOVERNMENT—Continued

	1915-1916		1916-1917	
Board of Public Works:				
Salaries and Wages (Administrative)	207,469.75	207,469.75	214,429.75	214,429.75
Repairs to Buildings	16,832.22		21,477.17	
Rent of Premises	62,962.94		19,300.00	
Water for Public Buildings	25,000.00		30,454.59	
Lighting Public Buildings	45,931.35		43,280.56	
Furniture Public Buildings (Outlay)	162,424.30		33,215.16	
Hall of Justice Flag and Pole			333.65	
General Maintenance:				
Transportation	14,185.00		14,355.84	
Expense	38,956.19		37,135.09	
Outlay	4,043.13	370,337.13	299.00	199,851.06
Civic Auditorium:				
Salaries	7,954.50		18,610.04	
Expense	6,956.86		14,146.10	
Outlay	278.40	15,189.76	9,738.19	42,494.33
Legal Department—Justice's Court:				
Salaries	32,764.55		33,600.00	
Expense	1,156.44		1,304.57	
Outlay		33,922.99		34,904.57
Police Courts:				
Salaries	24,000.00		24,000.00	
Expense	357.27		147.52	
Outlay	232.60	24,589.77	65.00	24,212.52

Superior Court:				
Salaries	70,845.90		74,344.31	
Expense	4,747.64		6,914.68	
Outlay			641.50	
Interpreters	9,600.00		9,600.00	
Printing Law and Motion Calendar	4,000.00		5,100.00	96,600.49
Examination of Insane	11,050.00		10,850.00	
Care of Criminal Insane	3,008.00		2,872.73	
Grand Jury—Court Orders and Expense	11,410.82		12,675.59	
Jury Fees and Witness expenses	30,122.80	145,585.16	38,726.22	65,124.54
County Clerk, Department of:				
Salaries	107,799.96		107,649.96	
Expense	7,312.46	115,112.43	5,878.08	113,528.04
City Attorney's Department:				
Salaries	36,199.92		36,185.42	
Expense of Litigation and Office	10,960.00		8,257.04	
Outlay	620.23	47,780.15	107.33	44,549.79
Rate Litigation			22,583.97	22,583.97
District Attorney:				
Salaries	58,699.92		63,499.92	
Expense	7,468.55	66,168.47	8,551.42	72,051.34
Special in re Bomb Trial			7,999.83	7,999.83
Outlay			722.73	722.73
Law Library:				
Salaries	4,800.00		4,800.00	
Expense	270.74		327.14	
Outlay		5,040.74	505.00	5,632.14

GENERAL GOVERNMENT—Continued

	1915-1916		1916-1917	
Sheriff's Department:				
Salaries	118,069.48		121,787.07	
Expense Office and Jails	10,639.81		10,308.87	
Outlay	5,173.19		6,204.34	
Maintenance of Prisoners	41,507.14	175,389.62	49,894.32	188,194.60
Alterations of Jails, Outlay			11,846.00	11,846.00
Total General Government		$ 1,971,656.68		$ 1,857,834.88

PROTECTION TO PERSON AND PROPERTY.

Bureau of Building Inspection:				
Salaries of Inspectors	$ 33,664.75	$ 33,664.75	$ 30,264.50	$ 30,264.50
Light and Water Inspector			3,569.95	3,569.95
Board of Censors (Secretary)	375.00	375.00	62.50	62.50
Sealer of Weights and Measures:				
Salaries	9,820.00		13,420.00	
Expense	911.73		868.76	
Outlay	1,487.20	12,218.93	1,584.06	15,872.82
Maintenance of Public Pound	11,308.60	11,308.60	10,000.00	10,000.00
Accident Insurance:				
Compensation for Injuries of employees	5,604.33	5,604.33	7,375.41	7,375.41
Public Administrator:				
Expense	800.22	800.22	424.45	424.45

Horticultural Inspector:				
Inspections	1,637.70	1,637.70	1,898.25	1,898.25
Recorder's Department:				
Salaries	62,420.96		65,737.44	
Expense	2,209.28		3,120.84	
Outlay	1,096.50	65,726.74		68,858.28
Department of Electricity:				
Salaries	96,882.41		93,736.85	
Expense	6,939.00		6,182.81	
Outlay	17,457.20	121,278.61	18,183.00	118,102.66
Central Fire Alarm Stations	887.00	887.00		
Fire Department:				
Salaries	1,344,211.05		1,335,164.30	
Expense for Maintenance	119,225.86		114,250.40	
Expense, Repairs and Alterations	18,504.00		19,831.59	
Outlay	189,105.15		156,243.13	
Water for Hydrants, etc.	139,668.18		131,995.15	
Auxiliary and Distributing System	35,611.85	1,846,326.09	44,347.80	1,801,832.37
Police Department:				
Salaries	1,476,117.31		1,480,051.76	
Expense for maintenance	45,657.82		48,410.47	
Subsistence of Prisoners	8,207.67		8,143.72	
Repairs and Alterations	6,498.72		10,210.71	
Outlay	10,754.33	1,547,235.85	6,945.10	1,553,761.76
Special Contingent Fund—Bomb Case			3,890.37	3,890.37
		$ 3,647,063.82		$ 3,615,913.32

CONSERVATION OF HEALTH

	1915-1916		1916-1917	
Health Department (Administrative):				
Salaries	121,741.50		131,877.10	
Expense	16,981.04		22,085.45	
Outlay	2,111.87	140,834.41	3,971.09	157,933.64
Health Employees' Vacations	3,177.25	3,177.25	7,328.70	7,328.70
Tuberculosis Hospital:				
Salaries	21,890.95		24,078.80	
*Expense	40,500.00		880.03	
*Outlay	9,255.82	71,646.77	115.70	25,074.53
Home Inspection of Tuberculosis			2,467.25	2,467.25
Diphtheria Carrier, Pavilion Furnishings			982.71	982.71
Isolation Hospital:				
Salaries	20,637.59		27,236.50	
Expense	16,976.12		30,437.27	
Outlay	28,753.34	66,367.05	1,325.16	58,998.93
Total Conservation of Health		282,025.48		252,785.76

SANITATION AND PROMOTION OF CLEANLINESS

Special Sanitation:				
Salaries	$ 7,116.67		$ 6,242.50	
Expense	2,881.04		1,123.44	
Outlay		9,997.71		7,365.94
Cleaning, Repairing and Construction of Sewers:				
In front of city property	8,793.31		3,240.23	

Salaries and wages	126,873.50		129,444.00	
Expense	12,023.49		17,614.50	
Outlay	76,914.71	224,605.01	108,296.85	258,595.58
Cleaning and Sweeping Streets:				
Salaries	332,680.90		333,670.70	
Expense	17,399.97		21,822.81	
Outlay	11,725.00	361,805.87		355,493.51
Total Sanitation and Cleanliness		$ 596,408.59		$ 621,455.03

HIGHWAYS

Repairs to Streets:				
Salaries	468,959.45		445,537.20	
Expense	190,123.39		210,336.44	
Outlay	13,375.00	672,457.84	7,278.05	663,151.69
Water for Troughs			2,129.60	2,129.60
Repairs to Streets in front of city property	52,015.32		53,532.74	53,532.74
Special Street Work	239,657.66		1,425.41	1,425.41
Ocean Beach Esplanade			39,599.07	39,599.07
Corporation Yard Equipment	2,569.94	294,242.92		
Bureau of Engineering Surveys:				
Salaries	150,526.00		123,038.00	
Expense	1,642.35		4,768.91	
Outlay	11,036.87	163,205.22	3,020.66	130,827.57

*Apparent decrease on account of expense of Tuberculosis Hospital being merged with S. F. Hospital).

HIGHWAYS—Continued

	1915-1916		1916-1917	
Bureau of Engineering Surveys—Continued				
Photostat Department—				
Salaries	1,073.75		1,144.60	
Expense	5,007.18		1,969.83	
Outlay		6,080.93	926.25	4,040.68
City and County Good Roads Fund:				
Salaries	11,757.10		7,659.45	
Outlay	70,613.00	82,370.10	118,370.06	126,029.51
Civic Center Streets:				
Outlay (purchase of land)		79,725.52	78,674.16	78,674.16
Street Improvement Fund	22,779.08		43,853.16	43,853.16
Special Inspection Fund	18,993.50		69,273.55	69,273.55
Excavation Fund	15,255.20		7,188.30	7,188.30
Redemption of Delinquent Assessment Fund	375.52	57,985.30		
Purchase of Land Rights of Way	79,470.28	79,470.28	39,820.00	39,820.00
Maintenance and Construction of Bridges:				
Salaries	12,971.50			
Outlay	73,049.80	86,021.30	71,172.73	71,172.73
Total Highways		$ 1,521,027.41		$ 1,330,718.17
Tunnel Assessment Funds:				
Stockton Street Construction	17,915.40		45,985.62	45,985.62
Stockton Street Redemption	7,973.31			
Stockton Street Interest		25,888.71	8,725.40	8,725.40

Twin Peaks Construction, ($4,475.10 to Tax Collector Account)	914,644.16		605,294.32	605,294.32
Twin Peaks Interest	110.00	914,754.16	45,232.95	45,232.95
Total Tunnel Assessments		$ 940,642.87		$ 705,238.29
Lighting Streets	439,666.85	439,666.85	459,354.42	459,354.42

CHARITIES AND CORRECTIONS

San Francisco Hospital:				
Salaries and Wages	125,820.25		139,988.40	
Expense of Maintenance	102,498.96		175,205.95	
Outlay	7,581.08	235,900.29	17,639.77	332,834.12
Relief Home for the Aged and Infirm:				
Salaries and Wages	66,580.24		67,246.30	
Expense of Maintenance	154,284.69		168,408.42	
Outlay	6,151.99		12,674.92	
Construction Work	2,226.30	229,243.22	10,664.86	258,994.50
Emergency Hospital:				
Salaries	71,031.25		75,249.85	
Expense	12,649.21		12,583.45	
Outlay	6,831.92	89,572.38	1,060.73	88,894.03
Juvenile Court:				
Salaries	32,968.35		34,680.00	
Expense	2,377.49	35,345.84	2,879.49	37,559.49

CHARITIES AND CORRECTIONS—Continued

	1915-1916		1916-1917	
Juvenile Detention Home:				
Salaries	9,206.58		9,490.57	
Expense	8,700.48		8,882.15	
Outlay	1,082.55		304.96	
Construction	109,649.00	128,638.61	65,347.46	84,025.14
Widows' Pension Bureau.				
Salaries	5,508.69		5,700.00	
Expense	342.17		412.29	
Widows' Aid for Maintenance	110,993.20	116,844.06	117,219.93	123,332.22
Maintenance of Minors:				
Orphans and Half Orphans in Institutions	168,004.34		171,916.32	
Delinquent Minors	10,962.81		15,802.69	
Children in Feeble-minded Home	31,910.00	210,877.15	30,570.00	218,289.01
Burial of Indigent Dead	2,992.50	2,992.50	4,843.50	4,843.50
Burial of Ex-Union Soldiers and Sailors	4,550.00	4,550.00	5,025.00	5,025.00
Total Charities and Corrections		$ 1,053,903.55		$ 1,153,797.01
Jails:				
Salaries, Expense, Outlay	See Sheriff			

RECREATION

Playgrounds:				
Salaries and Wages	44,224.51		53,154.18	

Expense	13,327.48		19,248.48	
Outlay	22,253.10	79,805.00	22,578.23	94,980.89
Purchase of Land—New Mission District			25,000.00	25,000.00
Celebrations:				
Memorial Day, Observance of	500.00		500.00	
Fourth of July	2,500.00	3,000.00	2,500.00	3,000.00
Path of Gold Celebration			1,951.00	
Flag Pole Committee			75.00	2,026.00
Park Fund:				
Salaries and Wages	304,714.00		279,963.32	
Expense, Maintenance	108,152.93		127,499.87	
Outlay	14,546.23	427,413.16	12,820.63	420,283.82
Municipal Band Concerts	9,999.45	9,999.45	9,993.75	9,993.75
Total Recreation		$ 520,217.70		$ 555,284.46

EDUCATION

School Funds:				
Salaries, Administrative	47,916.96		48,494.96	
Salaries, Janitors and Shop Employees	144,313.35		150,283.16	
Salaries, Teachers, Primary and Grammar, Day	1,311,846.35		1,411,389.65	
Salaries, Teachers, Primary and Grammar, Evening	43,979.80		70,464.20	
Salaries, Teachers, High School	272,768.15		295,555.60	
Salaries, Teachers at large and substitutes	118,667.30		114,894.50	
Expense, Teachers' Institute	1,388.65		1,697.17	
Expense, Contributions, Pensions	16,570.00		18,242.00	

EDUCATION—Continued

School Funds—Continued	1915-1916		1916-1917	
Expense, General Maintenance	133,827.60		133,968.72	
Expense, General Repairs	121,501.93		90,616.09	
Outlay, Equipment	121,502.81		48,492.01	
Outlays, Purchase of Land, etc.	51,147.38	2,385,430.28	390,317.95	2,774,416.01
Judgment—Salary of Kate L. Grace			582.65	582.65
Library Fund:				
Salaries	55,299.65		64,162.71	
Maintenance	20,063.61		15,387.78	
Outlay	31,205.91		42,083.73	
		106,569.17		121,634.22
Total Education		$ 2,491,999.45		$ 2,896,632.88

PUBLIC UTILITIES

Municipal Railway:				
Salaries, Administrative	38,852.16		34,300.45	
Salaries and Wages, Operating	798,868.07		683,428.26	
Expense, Operating	380,370.80		317,983.03	
Outlay, Permanent	4,460.40		14,195.44	
Outlay, Purchase of Land	59,660.00			
Outlay, Purchase of Bonds		1,282,211.43		1,049,907.18
Investment Fund No. 1:				
Purchase of Bonds	138,878.38	138,878.38	57,422.02	57,422.02

Investment Fund No. 2:				
Purchase of Liberty Bonds			1,000,000.00	1,000,000.00
Municipal Water Works Extension Fund:				
Salaries	1,158.80		463.75	
Outlays	5,208.29	6,367.09	4,252.82	4,716.57
Water Works Fund:				
Salaries	4,424.00		4,449.30	
Expense	3,529.70		3,324.10	
Outlay		7,953.70		7,773.40
Total Public Utilities		$ 1,435,410.60		$ 2,119,819.17
PUBLIC TRUST FUNDS				
Police Relief and Pension Fund:				
Salary of Secretary	600.00		600.00	
Pensions, etc.	105,673.90	106,273.90	104,846.10	105,446.10
Firemen's Relief and Pension Fund:				
Salaries	600.00		600.00	
Pensions, etc.	107,283.01	107,883.01	119,014.41	119,614.41
Firemen's Relief:				
Allowance for Exempt Firemen	5,000.00	5,000.00	5,000.00	5,000.00
Robinson Bequest Interest Fund:				
Contributions to Charity	1,644.45	1,644.45	2,000.00	2,000.00
Windel Bequest Interest Fund:				
Contributions to Charity	800.00	800.00	800.00	800.00
Total Public Trust Fund		221,601.36		232,860.51

PRIVATE TRUST FUNDS

	1915-1916		1916-1917	
Tearing up Street Fund:				
Salaries	35,769.45		30,413.50	
Expense of Material and Labor	3,718.80		8,638.04	
Money Refunded to Depositors	23,835.20	63,323.45	20,974.30	60,025.84
Absent Heir Fund Refund by Order of Court	440.92		403.22	403.22
County Clerk's Special Fund:				
Refund by order of Court	110,572.40		241,648.05	241,648.05
Bail Money Refund by Order of Court	714,690.00		797,755.00	797,755.00
House Moving Fund:				
Board of Works	2,000.00		2,320.00	2,320.00
House Moving Fund, Department of Electricity	413.15		482.50	482.50
Duplicate Tax Fund Refunds	5,022.20		5,049.43	5,049.43
Special Badge Fund	780.00		175.00	175.00
Public Administrator's Fund			4,469.75	4,469.75
Spreckels-Murphy Deposit Fund			3,783.00	3,783.00
Excavation Fund			3,160.25	3,160.25
***Interest on Fire Protection Bonds Owned by Teachers**			1,100.00	1,100.00
Special Permit Fund	46,521.00		53,583.00	53,583.00
State Inheritance Tax—(Paid to State)	1,261,111.50	2,165,404.87	1,317,671.17	1,317,671.17
*Included in **				
****State of California Taxes**			8,367.00	8,367.00
Surplus Fund:				
Judgment against City and County			69,240.70	69,240.70
Total Private Trust Funds		$ 2,204,874.62		$ 2,569,233.91

Miscellaneous Refunds—Money Paid in Error:				
Board of Works Fees			18.00	
Board of Health Fees	10.00			
County Clerk Fees	12.00		110.50	
Forfeited Bail Money	262.00		60.00	
Police Court Fines	210.00			
Supervisors' Fees	382.00		259.00	
Licenses	10.50		161.50	
Taxes Paid in Error	1,694.07		2,372.72	
Juvenile Court	49.75		300.00	
Sheriff Fees	94.20		4.15	
Money found on deceased persons	115.10		98.96	
Tax Balances of Previous Year cancelled	539.19		556.77	
Fines violating State Ordinances	5,552.50		5,647.50	
Sundry Refunds		8,931.31		
City Attorney Refunds			694.06	
Superior Court Fines			75.00	
Police Dept. Money Found on Prisoners			142.84	
Recorder's Fees			1.15	
Judgment against City and County, Liability Account 1915-1916			45,037.81	55,539.96
Total Miscellaneous Refunds		$ 8,931.31		$ 55,539.96

	1915-1916		1916-1917	
Sundry Accounts:				
Collection of Coupons at New York, etc.	11,476.41	11,476.41	1,889.99	1,889.99
Damages to Temporary City Hall			3,944.47	3,944.47
Sundry Stationery—Various Departments			914.98	914.98
License Blanks, Tags and Numbers			2,951.31	2,951.31
Total Sundry Accounts		$ 11,476.41		$ 9,700.75
Municipal Bond Funds:				
Bond Interest Account	$1,974,992.25		$ 2,309,907.00	
Bond Redemption Funds	1,136,000.00	3,110,992.25	1,279,087.49	3,588,994.49
Public Building School Fund 1908	64,664.57		35,522.05	
Public Building Polytechnic High, 1910	26,407.20		11,378.16	
Public Building Sewer Bonds, 1904	130,102.13		24,459.66	
Public Building Sewer Bonds, 1908	120,126.52		1,114.57	
Public Building Library Bonds, 1904	384,671.37		312,996 17	
Public Building Municipal Ry. Bonds, 1913	31,820.50		107,363.21	
Public Building Municipal Ry. Bonds, 1908	278,285.61			
Public Building Hetch Hetchy Bonds, 1910	450,585.54		1,625,185.42	
Public Building Fire Protection Bonds, 1908	619.35		16,281.23	
Public Building Garbage Bonds, 1908	1,102.80		11,596.48	
Public Building Market St. Ry Bonds, 1910	2,673.50			
Public Building City Hall Bonds, 1912	1,394,200.85		142,593.75	
Public Building Hospital and Jail Bonds, 1913	241,358.41		559,801.32	
		3,130,475.60		2,848,292.02
Totals		$23,588,374.55		$24,873,455.03

RESUME

Classification	1915-1916	1916-1917	Increase	Decrease
General Government	$ 1,971,656.68	$ 1,857,834.88	$	$ 113,821.80
Protection to Person and Property	3,647,063.82	3,615,913.32		31,150.50
Conservation of Health	282,025.48	252,785.76		29,239.72
Sanitation and Promotion of Cleanliness	596,408.59	621,455.03	25,046.44	
Highways	1,521,027.41	1,330,718.17		190,309.24
Tunnel Assessment Funds	940,642.87	705,238.29		235,404.58
Lighting Streets	439,666.85	459,354.42	19,687.57	
Charities and Corrections	1,053,903.55	1,153,797.01	99,893.46	
Recreation	520,217.70	555,284.46	35,066.76	
Education	2,491,999.45	2,896,632.88	404,633.43	
Public Utilities	1,435,410.60	2,119,819.17	684,408.57	
Public Trust Funds	221,601.36	232,860.51	11,259.15	
Private Trust Funds	2,204,874.62	2,569,233.91	364,359.29	
Miscellaneous Refunds	8,931.31	55,539.96	46,608.65	
Sundry Accounts	11,476.41	9,700.75		1,775.66
Bond Interest and Redemption Funds	3,110,992.25	3,588,994.49	478,002.24	
Municipal Bond Funds	3,130,475.60	2,848,292.02		282,183.58
Totals	$23,588,374.55	$24,873,455.03	$2,168,965.56	$ 883,885.08
*Amount eliminated from 1916-17 Budget	210,638.47			210,638.47
	$23,799,013.02		$2,168,965.56	$1,094,523.55
Less decrease			$1,094,523.55	
Net Increase over 1915-1916			$1,074,442.01	

*Not appropriated in 1916-17 Budget.

DISBURSEMENT OF THE MUNICIPAL FUNDS OF THE
CITY & COUNTY OF SAN FRANCISCO
$ 24,873,455.00 - 1916-1917
AS PER U.S. CENSUS BUREAU OF CLASSIFICATION SYSTEM

FIGURES OUTSIDE OF CIRCLE REPRESENT PERCENTAGE

Of the City and County of San Francisco During the Fiscal Year Ended June 30, 1917.
Being the Total Demands Audited in said Year.

GENERAL GOVERNMENT

Assessor's Office

Code No.	Budget No.		1915-16		1916-17	
		Salaries	$ 99,716.47			
A–1	99	Assessor		$ 7,999.92		
	100	Chief Deputy		2,400.00		
	101	Cashier		1,800.00		
	104	Deputies—18 @ $1500 each		27,000.00		
	102	Asst. Deputies—4 @ $2100 each		8,400.00		
	103	Asst. Deputies—4 @ $1800 each		7,200.00		
A–2	106	Extra Clerks as required		49,356.85		
A–1	105	Map Maker		1,800.00	$	105,956.77
		Expense	8,084.83			
B–2	107	Auto Service		960.00		
	107	Livery		860.00		
D–1	31	Stationery		5,534.31		
B–31	31	Postage		800.00		
B–6	107	Newspaper Subscriptions		32.00		
H–4	37	Premium on Official Bonds		250.00		
B–3	38	Rentals of Typewriter		14.00		
B–3	38	Telephone Switches		2.05		
B–2	107	Transportation to El Centro Convention		33.00		8,485.36

Assessor's Office—Continued

Code No.	Budget No.		1915-16		1916-17
		Outlays			
T–1	33	Furniture		131.25	
S–2	33	Alterations—Assessor's Office		1,390.00	1,521.25
		Total Assessor's Office $115,963.38			
B–6	32	Block Books for Various Offices	3,500.00	3,539.79	3,539.79

Auditor's Office

		Salaries	32,020.00		
A–1	88	Auditor		3,999.96	
	89	Chief Deputy		2,400.00	
	90	Asst. Deputies 3 @ $2400 each		7,200.00	
	91	Asst. Deputies 5 @ $1800 each		9,000.00	
	92	Asst. Deputies 2 @ $1500 each		3,000.00	
	94	Clerks 2 @ $1500 each		2,500.00	
	97	Clerk, Orphans' & Widows' Aid		1,600.00	
	93	Stenographer and Bond Clerk		1,500.00	
	95	Telephone Operator		1,020.00	32,219.96
		Expense	10,216.22		
K–9	98	Incidentals		396.36	
A–25	96	Attorney's Fees		1,800.00	
D–1	30	Stationery		828.70	
B–31	30	Postage		214.67	
H–4	37	Premium on Official Bond		175.00	
A–2	97	Computing Assessment Roll		6,894.75	10.309.48
		Total Auditor's Office $42,529.44			

		Civil Service Commission			
		Salaries	20,261.54		
A–1	302	Commissioners—3 @ $1200 each		3,600.00	
	302	Chief Examiner and Secretary		2,400.00	
	302	Asst. Secretary		1,800.00	
	303	Clerks—2 @ $1500 each		3,046.62	
	303	Stenographers		1,486.41	
	304	Inspectors—2 @ $2400 each		4,800.00	
A–2	303	Asst. Inspectors and Examiners		2,181.27	
A–3	303	Medical Examiners		277.50	19,591.80
		Expense	2,679.70		
B–7	26	Advertising		162.26	
K–9	303	Incidentals		223.00	
B–31	30	Postage		90.00	
T–1	33	Furniture		875.29	
D–1	30	Stationery		1,014.48	
T–2	303	Books		55.45	2,420.48

Total Civil Service Commission $22,012.28

		Supervisors			
		Salaries	88,372.98		
A–1	1	Supervisors—18 @ $2400 each		43,200.00	
	2	Chief Clerk		4,200.00	
	3	Chief Clerk Assistant		3,000.00	
	4	Expert Accountant		3,600.00	
	5	Bond and Ordinance Clerk		2,300.00	
	6	Superintendent of Supplies		3,000.00	

Supervisors—Continued

Code No.	Budget No.		1915-16		1916-17	
A–1	7	Assistants Supt. of Supplies (2)		3,750.00		
	8	Assistant Clerks (5)		8,750.00		
	10	Assistant Clerks (3)		4,725.00		
	13–14	Telephone Operators		2,420.00		
	15	Sergeant-at-Arms		1,460.00		
	9	Stenographer Finance Committee		2,150.00		
	11–12	Stenographers and Typists (2)		2,730.00		
	22	Inspector of Supplies		1,900.00		
	52	City Hall Telephone Operators		5,422.85		
	16	Chauffeur		1,550.00		94,157.85
		Expense	22,437.43			
B–7	26	Advertising Resolutions and Ordinances		20,218.78		
B–12	20	Auto Service		3.00		
R–2	20	Appraisements		775.00		
B–8	38	Auto Repairs		649.05		
D–9	20	Due to League of Municipalities		60.00		
B–12	20	Freight		27.18		
D–3	20	Ice		30.60		
H–4	37	Premium on Official Bonds		295.00		
B–31	30	Postage		600.37		
D–1	30	Stationery		1,964.31		
D–9	20	Stenographic Service		187.20		
B–3	20	Telephone and Telegraph Service		684.27		
B–2	38	Traveling Expense to Sacramento		143.65		

B–2	38	Traveling Expense to San Diego		216.00		
	38	Traveling Expense to Visalia		175.00		
	38	Traveling Expense to Santa Cruz		12.00		
	38	Traveling Expense to Stockton		126.00		
	38	Transportation and Expense of J. S. Dunnigan to Camp Fremont		150.00		
	38	Transportation and Expense of J. C. Kortick to Washington, D. C.		2,500.00		
	38	Transportation and Expense of J. S. Dunnigan to Washington, D. C.		610.00	29,427.41	
T–5	38	Automobile		1,500.00	1,500.00	
		Finance Committee				
		Salaries	6,199.02			
A–1	21	Expert Accountant		3,600.00		
A–2	21	Clerical Service		62.50		
A–2	21	Installing Accounting System		9,755.00	13,417.50	
B–9	21	Expense Damages to Auto		25.00		
B–43	21	Expense Children's Welfare		476.10		
B–9	21	Expense Incidentals		77.74		
B–6	21	Expense Printing		308.70	887.54	
B–6	22	Printing Municipal Record	1,442.65	4,349.13		
B–6	23	Expense Printing Municipal Reports	4,552.33	4,398.53		
B–6	24	Expense Printing Public Documents	15,582.14	812.70	9,560.36	
		Expense Miscellaneous				
D–6	51	Gasoline City Autos	3,500.00	6,350.39		
H–7	39	Collection City Rents	600.00	519.69	6,870.08	

Coroner's Office

Code No.	Budget No.		1915-16		1916-17
		Salaries	$ 24,270.96		
A–1	108	Coroner		3,999.96	
	109	Chief Deputy		2,400.00	
	110	Autopsy Surgeon		2,399.99	
	111	Assistant deputies, 3 @ $1500 each		4,500.00	
	112	Stenographer		1,800.00	
	113	Stenographer-Typist		1,500.00	
	114	Toxicologist		1,200.00	
	115	Asst. driver and deputy		1,200.00	
	116	Female deputy		1,200.00	
	117–118	Matrons (2) @ 1020 each		2,040.00	
	119	Morgue tender		1,080.00	
	120	Messenger		950.00	24,269.95
		Expense	2,672.12		
D–6					
B–8	121	Auto Service and Repairs		968.91	
D–7		Drugs and Chemicals		18.11	
D–4		Dry Goods		164.28	
B–2		Garbage Removal		36.00	
C–4		Hardware		45.75	
D–8		Janitors' Supplies		135.94	
B–9		Laundry		315.90	
B–31	31	Postage		55.00	
H–4	137	Premium on Bond		25.00	
A–29	137	Recovering bodies from bay		472.00	

D–9	121	Rubber Goods		54.60	
B–6	31	Stationery		533.19	
D–3	121	Telegrams		77.57	
B–8	121	Typewriter Repairs		18.10	
D–7		Photo Supplies		76.15	
B–7		Newspaper Subscriptions		20.40	3,018.90
		Outlays—			
C–4	121	Lamps		15.76	
T–1		Furniture		31.80	47.56
		Total Coroner, $27,336.41			
		Department of Elections			
		Salaries	209,913.20		
A–1	742	Commissioners, 5 @ $1000 each		5,000.00	
	743	Registrar of Voters		2,400.00	
	744	Deputies—2 @ $2100 each		4,350.00	
	745	Deputies—6 @ $1800 each		10,410.00	
	746	Stenographers—2 @ $1200 each		2,300.00	
	747	Storekeeper		1,275.00	
A–2	741	District Registration		7,126.25	
	741	Office Registration		50,699.02	
	741	Election Officers Gen. Election		41,037.50	
	741	Election Officers Primary Election		34,500.00	
	748	Special Election Expense		583.28	159,681.05
		Expense	$ 64,987.35		
B–7	748	Advertising		671.46	
B–12		Auto Hire		294.65	

Department of Elections—Continued

Code No.	Budget No.		1915-16		1916-17	
D–1		Ballot Paper		2,120.00		
K–9		Contingents		287.39		
B–2		Cartage and Hauling		535.25		
H–2		Counsel of Defense Services		652.50		
D–1		Directories		22.50		
D–9		Electrical Material		56.71		
S–1		Erecting Booths		4,109.87		
T–1		Equiping Booths		1 432.48		
B–2		Freight		59.51		
C–4		Hardware		192.80		
B–12		Livery		232.50		
C–1		Lumber and Millwork		325.39		
B–31		Postage		6,200.00		
H–4	37	Premium on bonds		125.00		
B–6	748	Printing		31,764.49		
H–7		Rent of Polling Places		2,082.50		
B–8		Repairs to Machinery		266.20		
D–1		Stationery		3,056.22		
B–1		Transportation to Sacramento		32.40		54,519.82
		Outlays	15,023.41			
T–1	748	Filing Supplies		1,195.56		
T–6		Lamps		103.77		
T–9		Signs		8.50		
T–2		Typewriter		35.53		

S–1		Tents		193.25	
T–5		Safe		165.00	
		Furniture		103.62	1,805.23
		Total, $216,006.10			
		Executive Department—Mayor's Office			
		Salaries	17,520.00		
A–1	77	Mayor		6,000.00	
	78	Secretary		2,400.00	
	79	Secretary Assistant		2,100.0	
	80–81–82	Stenographers		3,600.00	
	83	Telephone Operator		1,020.00	
	84	Usher		900.00	
	85	Chauffeur		1,500.00	17,520.00
		Expense	6,589.25		
B–7	26	Advertising		124.48	
B–8	38	Auto Repairs		750.00	
B–43	86	Contingent Expense		3,600.00	
B–31	30	Postage		299.65	
K–9	87	Incidentals		1,740.00	
H–4	37	Premium on Bond		62.50	
D–1	30	Stationery		481.70	
A–29	38	Transcribing testimony trial of Wm. J. McDevitt....		250.45	7,308.78
		Outlay—			
T–1	38	Filing Supplies		15.40	
T–1	38	Furniture		53.85	69.25
		Total Mayor's Office $24,898.03			

Revenue Department—License and Tax

Tax Collector's Office

Code No.	Budget No.		1915-16		1916-17
A–1	128	Salaries	$ 67,894.23		
		Tax Collector		3,999.60	
	129	Chief Deputy		2,400.00	
	130	Cashier		2,400.00	
	135	Cashier, Assistants—2 @ $1800 each		3,600.00	
A–2	138	Cashier Assistants Temporary—4 @ $300 each		1,200.00	
A–1	139	Blockbook-man		1,600.00	
A–1	134	Bookkeeper		1,800.00	
A–1	137	Accountant		2,400.00	
A–1	131	Deputies		19,573.40	
A–1	140	Acting Deputies		13,298.62	
A–1	136	Expert Searcher		1,800.00	
A–1	132	Special Deputies—3 @ $1800		5,400.00	
A–1	141	Stenographer		1,380.00	
A–1	133	License Adjuster		1,800.00	
A–2	142	Extra Clerks		4,940.56	67,592.18
		Tax Collector's Deputies—Twin Peak Tunnel Account ($4,475.10) Cr. to Tunnel Assessment.			
		Expense	6,300.37		
B–7	26	Advertising		438.50	
	144	Auto Hire		10.00	
B–11		Carfare		270.15	
B–2		Hauling coin		233.00	
B–9		Incidentals		11.00	
B–31	30	Postage		256.21	

B–6	143	Printing Delinquent Tax List		1,903.00	
D–1	30	Stationery		2,962.06	
H–4	37	Premium on Official Bond		500.00	
H–7	144	Rental of Adding Machine		20.00	6,603.92
		Outlay—			
T–1	33	Furniture		449.50	449.50
		Total $74,645.60			
		Treasurer's Office			
		Salaries	$ 27,699.96		
A–1	145	Treasurer		3,999.96	
	146	Chief Deputy		2,400.00	
	152	Bookkeeper		2,175.00	
	153	Bookkeeper Assistant		1,800.00	
	147	Bank and Bond Deputy		3,000.00	
	154	Cashier		3,600.00	
	150	Clerk		1,200.00	
	151–155	Clerks (3)		5,400.00	
	148–149	Deputies (2)		4,400.00	27,974.96
		Expense	2,781.67		
B–7	26	Advertising		245.96	
B–12	38	Auto Hire		26.50	
B–2	38	Cartage		12.20	
K–9	38	Incidentals		294.37	
H–4	37	Premium on Official Bond		1,000.00	
B–31	30	Postage		60.00	
D–1	30	Stationery		568.42	
G–2	38	Hauling and Teaming		175.00	2,382.45
		Total Treasurer's Dept. $30,357.41			

DEPARTMENT OF PUBLIC WORKS

Buildings and Repairs

Code No.	Budget No.		1915-16		1916-17
		Rent of Premises	$ 62,962.94		
H–7	39	Juvenile Home		1,375.00	
		Harbor Hospital		2,475.00	
		Board of Health		4,200.00	
		Detention and Emergency Hospital		8,625.00	
		Temporary City Hall		2,625.00	19,300.00
		Water furnished Public Buildings	25,000.00		
E–5	41	City Hall		1,680.50	
		Fire Department		7,040.33	
		Street Department		1,819.83	
		Bridges		48.30	
		Juvenile Court		486.78	
		Fountains		457.43	
		Hall of Justice and Jails		6,972.60	
		Police Department		2,070.49	
		Isolation Hospital		1,447.46	
		Board of Health		162.30	
		Emergency Hospital		5,178.33	
		Tubercular Hospital		1,208.87	
		Dept. of Electricity		55.50	
		1915-1916 Account		1,825.87	30,454.59
		Lighting Public Buildings—Gas and Electricity	45,931.35		
E–3	49	City Hall—Electricity		9,961.78	

E–3	49	Juvenile Home, Electricity		421.21	
		Board of Health, Electricity		265.00	
		Morgue		1,135.08	
		Fire Alarm and Police Telegraph		1,132.94	
		Fire Department		7,389.02	
		Police Department		1,850.77	
		Hall of Justice and Jails		10,647.22	
		Emergency Hospitals		1,070.99	
		Tubercular Hospital		654.95	
		Isolation Hospital		827.84	
		Public Libraries		3,350.54	
		Miscellaneous Bldgs., Bridges		214.82	
		Miscellaneous Bldgs., Street Repair		3,034.27	
		1915-1916 Account		1,324.13	43,280.56
		Furniture, City Hall			
		Furniture and Equipment	162,424.30		
T–1	33	City Hall		27,572.70	
		1915-1916 Account		5,642.46	33,215.16
		Flag and Pole, Hall of Justice		333.65	333.65
		Repairs to Hall of Justice			
A–2	66	Mechanics and Labor		1,466.70	
B–8	66	Repairs, General		475.26	1,941.96
		Bureau of Buildings and Repairs			
		Salaries	87,588.51		
A–1	370	Superintendent of Buildings		3,000.00	
	371	Assistant Superintendent		2,400.00	

Bureau of Buildings and Repairs—Continued

Code No.	Budget No.		1915-16		1916-17	
A–1	377	Chief Engineers—2 @ $2100 each		4,200.00		
	378	Engineers (5)		7,500.00		
	381	Firemen—Civic Center Heating Plant		4,800.00		
	379	Elevator Conductors (17), City Hall and Hall of Justice		18,360.00		
	380	Elevator Starter		1,200.00		
	372	Janitors, Head and Chief Assistants		4,405.00		
	375	Janitors—54 @ $1080 each		58,188.70		
	376	Watchmen—2 @ $1080 each		2,160.00		
A–2	382	Relief Engineer and Fireman		351.55	106,565.25	
		Division "B" Repair				
		Salaries	15,504.00			
A–1	343	Clerk in Charge		2,130.00		
	344	Clerks—4 @ $1500 each		5,777.50		
	345	Clerk—1 @ $1320		1,253.55		
	346	Clerk—1 @ $1200		1,200.00		
	347	Stenographer		1,500.00	11,861.05	
		Bureau of Architecture				
		Salaries	12,480.00			
A–1	384	Chief Draftsman		3,000.00		
	385	Draftsmen—1 @ $1800; 1 @ $2400		4,200.00		
	387	Clerk		2,100.00		
A–1	388	Surveyor		1,980.00		
	389	Stenographer		1,200.00	12,480.00	

Repairs to Municipal Buildings

		Salaries	14,354.05		
A–2	66	Carpenters		2,675.50	
		Cement Finishers		302.00	
		Glazier		41.25	
		Clerk		20.00	
		General Mechanics and Labor		489.40	
		Locksmith		1,425.00	
		Painters		2,693.50	
		Plumbers		3,691.00	
		Steamfitters		499.25	
		Teamsters		2,200.70	
		Tinners		1,442.00	
		Watchman		78.00	
		Wiremen		1,118.75	16,676.35
		Expense—Material and Supplies	2,477.17		
C–5	66	Cement		78.21	
D–8		Chemicals		24.11	
E–4		Electric Current		21.04	
D–9		Electric Lamps		19.69	
D–9		Electric Supplies		446.09	
D–6		Gasoline		10.60	
C–5		Glass		83.48	
C–4		Hardware		630.50	
C–1		Lumber		967.33	
C–2		Paints and Oils		314.87	
C–4		Plumbing Material		158.94	

Repairs to Municipal Buildings—Continued

Code No.	Budget No.		1915-16		1916-17
A–2	66	Painting Signs		14.00	
A–2		Plastering		70.00	
K–9		Sundries		20.00	2,858.86
		Civic Auditorium			
		Salaries	7,954.50		
A–1	431	Superintendent		2,400.00	
		Organist		2,499.99	
A–3		Ushers		156.00	
A–2	431–66	Engineers, Mechanics, etc.		8,017.10	
A–2	431–66	Janitors		3,924.60	
	431–66	Watchmen		1,612.35	18,610.04
		Expense	6,956.86		
B–7	26	Advertising		6.00	
		Bill Posting		45.60	
B–2	425	Cartage		15.00	
C–5	426	Cement		38.25	
E–1		Gas and Electric Lighting		3,191.30	
C–4		Hardware		571.38	
H–4		Insurance		260.00	
K–9		Incidentals		107.67	
D–8		Janitors' Supplies		627.50	
A–3		Labor		348.04	
B–9		Musical Concerts		4,123.18	
B–6		Printing		962.03	

H–7		Rent of Canopy		625.00	
B–2	426	Removal of Garbage		144.00	
D–9		Rubber Goods		150.00	
K–9		Refund of Rents		2,368.75	
K–9	55	Testing Organ		300.00	
E–5	426	Water		262.40	14,146.10
		Outlay	278.40		
S–1	55	Alterations		5,805.65	
		Blueprints		22.39	
		Flags		124.04	
		Glass		165.48	
		Electric Work		1,534.70	
		Fire Extinguisher		185.00	
T–1		Furniture		349.82	
S–1		Plumbing		34.14	
		Painting		581.60	
T–1		Lamps		225.17	
		Installing Organ		710.20	9,738.19

Total $42,494.33

General Office

		Salaries	32,100.00		
A–1	322	Commissioners—3 @ $4000 each		12,000.00	
	823	Deputy Commissioner		3,050.00	
	324	Clerk		3,000.00	
	325	Clerk, Experienced		2,400.00	
	326	Clerk, Experienced		1,800.00	

General Office—Continued

Code No.	Budget No.		1915-16		1916-17
A–1	327–328	Stenographers (3)		4,860.00	
	329	Messenger		1,500.00	
	330	Chauffeur		1,500.00	30,110.00
		Bookkeeping Department			
		Salaries	25,860.00		
A–1	331	Bookkeeper		3,650.00	
	332	Clerk—Assistant Bookkeeper		2,280.00	
	333	Clerk		2,100.00	
	334	Clerk		1,800.00	
	335	Clerk		1,500.00	
	337	Timekeeper, Chief		1,800.00	
	338	Outside—Timekeepers—2 @ $1500 each		3,000.00	
	339	Timekeepers' Clerks—2 @ $1200 each		2,397.10	
	340	Cashier		2,400.00	
	341	Cashier, Assistants—2 @ $1800 each		3,600.00	
	336–342	Stenographers—(2) 1 @ $1680; 1 @ $1500		3,184.05	27,711.15
		Inspection of Complaints	17,100.00		
A–1	418	Chief Deputy		3,000.00	
	419	Assessment Clerk		2,400.00	
	420	Clerk		1,800.00	
	421–422	Inspectors—(5), 3 @ $2100; 2 @ $1800 each		9,820.00	17,020.00
		Salaries	19,383.40		
A–1	348	Storekeeper Corporation Yard		2,100.00	

	349	Watchman		1,440.00	
	350	Watchman		1,310.00	
	351	Watchmen, 2 @ $1080 each		1,961.30	
A–2	352	Laborers @ $3 per day		1,871.00	8,682.30
		Total Administration $83,523.45			
		General Maintenance			
		Expense	30,331.54		
B–7	26	Advertising		8,957.70	
B–12	424	Auto Hire		360.00	
B–8	425	Auto Repairs		201.20	
B–6	425	Binders		156.45	
B–11		Carfare		165.45	
D–8	426	Cleaning Supplies		4,329.73	
D–7	429	Drugs and Chemicals		91.81	
D–9	428	Engineers Supplies		436.42	
	64	Electric Current		10.86	
D–9	64	Electric Supplies		304.60	
C–3	426	Dry Goods		47.82	
B–6	30	Directories		15.00	
B–8	427	Elevator Repairs		74.43	
C–3		Flags and Poles		151.55	
D–2		Fuel Oil		10,614.93	
D–6	51	Gasoline		212.85	
C–4	64	Hardware		451.85	
D–9	66	Lamps		664.95	
C–1		Lumber		53.37	

General Maintenance—Continued

Code No.	Budget No.		1915-16		1916-17
C–2		Paints and Oils		51.15	
B–31	33	Postage		730.00	
B–6	32	Posting block books		144.00	
B–6	66	Photo Supplies		111.14	
B–2	426	Removal of Garbage		245.00	
H–7	426	Rent of Safety Deposit Box		13.00	
D–9	66	Rubber Goods		150.85	
B–8	425	Sundry Repairs		43.13	
B–6	30	Stationery, Printing		5,740.62	
D–9	427	Subscription to Papers		38.00	
B–9		Typewriting Supplies		109.15	
B–9	426	Towel Service		2,055.35	
B–32	66	Telephone Service		27.73	
H–4	37	Premium on Official Bonds		375.00	37,135.09
		Transportation and Auto Maintenance			
		Expense	14,185.60		
B–12	424	Auto Hire		5,229.18	
A–2	435	Chauffeur		522.20	
B–2	424	Livery		3,880.00	
B–11	425	Carfare		2,370.85	
E–2	435	Painter		44.00	
B–8	424–435	Auto Repairs		1,541.20	
H–7	435	Garage Rentals		248.57	
D–6	435	Gasoline		488.71	

D–6	435	Hardware		11.40	
K–9	425–435	Washing Autos		19.73	14,355.84
		Outlay—			
T–5	433	Ford Roadster		299.00	299.00
		Total Transportation $14,654.84			
		LEGAL DEPARTMENT			
		Justices' Courts			
		Salaries	$ 32,764.55		
A–1	202	Justices of the Peace—5 @ $4200 each		21,000.00	
	203	Clerk of Court		3,000.00	
	204	Chief Deputy		1,800.00	
	205	Cashier		1,800.00	
	206	Deputies—3 @ $1500 each		4,500.00	
	207	Messenger		1,500.00	33,600.00
		Expense	1,100.00		
B–31	30	Postage		352.00	
B–6	30	Stationery and Printing		952.57	1,304.57
		Total $34,904.57			
		Police Courts			
		Salaries	24,000.00		
A–1	300	Judges of Police Courts—4 @ $3600 each		14,400.00	
	301	Stenographers—4 @ $2400 each		9,600.00	24,000.00
		Expense	357.27		
B–31	30	Postage		40.00	
B–6	30	Stationery		107.52	147.52
		Outlay—			
T–1	33	Furniture	232.50	65.00	65.00
		Total $24,212.52			

Superior Courts

Code No.	Budget No.		1915-16		1916-17
		Salaries	79,681.15		
A–1	156	Judges Civil Depts, 12 @ $3000 each		36,000.00	
		Judges Criminal Depts., 4 @ $3000 each		12,000.00	
A–25	158	Court Reporters (16)		22,334.31	
A–1	157	Secretary		3,000.00	
A–1	160	Messenger		960.00	
A–1	159	Interpreters for all courts		9,600.00	
A–25	14	Telephone Operator (Relief)		50.00	83.944.31
		Expense	10,312.39		
B–6	161	Directories		127.50	
T–1		Furniture		553.10	
A–25		Expert testimony (Handwriting)		1,177.05	
A–25	161	Expert Testimony (Interpreting)		40.00	
		Expert Testimony (Medical)		810.75	
B–9		Incidentals		138.76	
A–29		Judges Additional Expense		2,119.30	
A–31	30	Postage		317.00	
B–6	24	Printing Law and Motion Calendar		5,100.00	
B–6	30	Printing and Stationery		693.81	
B–32	161	Telephone Service		447.91	
A–29		Transcribing Testimony		450.00	
E–9		Water		39.50	12,014.68
		Outlay—			
T–1	161	Dictaphone		212.30	
		Drinking Cups		114.20	

B–6		Law Books		191.10	
B–8		Type Machine		123.90	641.50
		Total $96,600.49			
		Jury Fees and Witness' Expense			
		Expense	$ 30,122.80		
A–21	162	Jurors' Fees (Trial)		29,808.00	
A–22 B–2	162	Witnesses' Transportation, etc.		8,200.77	
A–29		Entertaining Jurors		165.25	
B–41		Meals and Lodging		552.20	38,726.22
		Total $135,326.71			
		City Attorney			
		Salaries	36,199.92		
A–1	163	City Attorney		4,999.92	
	164	Assistants—2 @ $3600 each		7,200.00	
	165	Assistants—4 @ $3000 each		12,000.00	
	166	Assistant		2,400.00	
	167	Assistant		1,800.00	
	168	Chief Clerk		1,800.00	
	169	Assistant, Chief Clerk		885.50	
	170	Stenographers—2 @ $1200		2,400.00	
	171	Stenographer-Typists—2 @ $900 each		1,800.00	
	172	Messenger		900.00	36,185.42
		Expense	620.23		
A–2	173	Assistant Engineer		250.00	
B–6		Binding Books		73.85	

City Attorney—Continued

Code No.	Budget No.		1915-16		1916-17	
B–12		Auto Hire		10.00		
A–25		General Litigation		4,671.70		
B–9		Incidentals		7.99		
B–31	30	Postage		168.00		
H–4	37	Premium on Official Bond		25.00		
B–6	30	Printing Report		25.30		
B–6	30	Stationery		2,747.20		
H–4	173	Title Insurance		278.00		8,257.04
		City and County Attorney Rate Litigation				
		Expenses	$ 10,960.00			
A–25	174	Appraisements		60.60		
		Accounting Service		2,747.90		
B–6		Binding Books		160.87		
		Blueprints		114.95		
A–2		Clerical Service—Spring Valley Case		1,065.00		
A–2		Civil Engineers, Service of		11,278.94		
B–9		Contingents		17.70		
B–6		Map Mounting		33.50		
B–6	30	Stationery and Printing		1,857.86		
A–2	174	Stenographer's Service		2,169.90		
B–6		Transcripts		2,885.40		
H–7		Rent of Adding Machines		126.00		
		Rent of Typewriter		65.35		22,583.97

		Outlay—		107.33	107.33
T-2		Typewriting Machine			
		Total $67,133.76			
		District Attorney			
		Salaries	58,699.92		
A-1	175	District Attorney		4,999.92	
	176	District Attorney, Assistants—4 @ $3600 each		14,400.00	
	177	District Attorney, Assistants—2 @ $3000 each		6,000.00	
	178	District Attorney, Assistants—6 @ $2400 each		14,400.00	
	179	District Attorney, Assistants—2 @ $1500 each		3,000.00	
	180	District Attorney, Assistant—1 @ $1800		1,800.00	
	181	Warrant and Bond Clerk		2,400.00	
	182	Warrant and Bond Clerk, Assistant		2,100.00	
	183	Warrant and Bond Clerk—4 Assistants @ $1500 ea.		6,000.00	
	184	Chief Clerk		1,800.00	
	185	Chief Clerk, Assistant		1,200.00	
	186	Bookkeeper		1,200.00	
	187–188	Stenographer—1 @ $1800; 1 @ $900		2,700.00	
	189	Messenger		1,500.00	63,499.92
		Expense	7,468.55		
D-3	190	Ice		50.20	
A-25	190	Prosecution of Criminals (Court Orders)		6,398.69	
B-31	30	Postage		240.00	
H-4	37	Premium on Official Bond		75.00	
B-6	30	Stationery and Printing		1,255.52	
A-25	190	Stenographic Service		257.60	

District Attorney—Continued

Code No.	Budget No.		1915-16		1916-17	
B–8		Repairs to Typewriters		94.55		
B–32		Telephone Service		179.86		8,551.42
		Special in-re Bomb Trial	1915-16		1916-17	
		Expense				
A–25	38	Detection aid Prosecution		7,309.74		
B–12		Auto Hire		361.99		
B–1		Transportation		195.10		
A–25		Transcribing Testimony		133.00		7,999.83
		Outlay—				
T–1	190	Furniture		541.73		
T–2		Law Books		181.00		722.73
		Total District Attorney $80,773.90				
		County Clerk's Office				
		Salaries	$ 107,800.00			
A–1	191	County Clerk		3,999.96		
	192	Chief Register Clerk		2,400.00		
	193	Cashier		1,800.00		
	194	Register Clerks—5 @ $1800 each		8,850.00		
	195	Assistants Clerks—10 @ $1500 each		15,000.00		
	196	Superior Court Clerks—16 @ $1500 each		24,000.00		
	200	Police Court Clerks—4 @ $1500 each		6,000.00		
	197–199	Copyists—31 @ $1200 each		37,200.00		

	198	Deputies—6 @ $1200 each		7,200.00	
	201	Messenger		1,200.00	107,649.96
		Expense	6,034.04		
B–11	30	Carfare		70.60	
B–31	30	Postage		288.00	
H–4	37	Premium on Official Bond		250.00	
B–6	30	Stationery and Printing		5,269.48	5,878.08

Total County Clerk $113,528.04

Grand Jury

		Expense	$ 11,410.82		
A–25	36	Accountant's Service		3,215.00	
		Detective Service		392.45	
		Expert Testimony (Handwriting)		100.44	
		Expert Testimony (Interpreter)		10.00	
		Inspection of Buildings		120.00	
		Stenographer		110.85	
A–21		Jury Fees		3,353.00	
A–25		Transcribing Testimony		4,697.49	
		Auto Service		450.70	
B–9		Contingents		122.90	
B–6	30	Printing and Stationery		63.76	
B–31	30	Postage		18.50	
B–9	36	Towel Service		9.00	
E–5		Water		11.50	12,675.59

Total $12,675.59

Code No.	Budget No.		1915-16		1916-17
		Law Library			
		Salaries	$ 4,800.00		
A–1	208	Librarian		3,600.00	
	209	Assistant		1,200.00	4,800.00
		Expense—			
B–6	30	Stationery and Printing	240.74	312.14	
B–31	30	Postage		15.00	
		Outlay—			327.14
T–1	33	Furniture		505.00	505.00
		Total $5,632.14			
		Commissioners of Insanity			
		Expense—			
A–25	50	Examination of Insane People	$ 11,050.00	10,850.00	
B–43	47	Maintenance of Insane People	3,008.00	2,872.73	13,722.73
		Total 13,722.73			
		Sheriff—Administrative			
		Salaries	67,962.77		
A–1	242	Sheriff		7,999.92	
	243	Under-Sheriff		2,320.00	
	244	Cashier		2,400.00	
	245	Attorney		1,800.00	
	246	Chief Bookkeeper		1,800.00	
	247	Chief Bookkeeper Assistants—2 @ $1500 each		3,000.00	
	248	Office Deputies—13 @ $1500 each		19,662.50	

	249	Bailiffs—Superior Court (Civil)—12 @ $1200 each		14,400.00	
		Stenographer		1,200.00	
A–25		Keepers of places under attachment, Fees		10,863.00	65,445.42
		Expense	4,220.47		
B–12	264	Auto Hire		480.00	
B–31	30	Postage		300.00	
H–4	37	Premium on Official Bonds		250.00	
B–11	38	Serving Subpoenas		137.65	
B–6	30	Stationery and Printing		931.56	
B–32	30	Telephone Service		64.57	
B–11		Keeper's Mileage		2,404.05	4,567.83
		Sheriff—Jails and Correction			
		Salaries	43,006.71		
A–1	250	Chief Jailer		1,800.00	
	251	Asst. Jailers—10 @ $1200 each		12,000.00	
	252	Superintendent of Jails		1,800.00	
	253	Asst. Jailers—28 @ $900 each		24,716.65	
	254	Matron and Asst. Bookkeeper		1,025.00	
	255	Commissary		1,500.00	
A–1	256–265	Van Drivers—2 @ $900 each		1,800.00	
	257	Bookkeeper for all jails		1,500.00	
	260–261	Cooks—2 @ $900 each		1,800.00	
	262	Druggist		1,200.00	
	263	Bailiffs, Criminal Courts—6 @ $1200 each		7,200.00	56,341.65
		Expense	6,419.34		
D–6	264	Auto Repairs		350.37	

Sheriff—Jails and Corrections—Continued

Code No.	Budget No.		1915-16		1916-17
D–9		Blacksmithing		41.85	
E–4		Electric Current		248.74	
D–5		Forage		1,752.41	
D–4		Flags		13.00	
C–4		Hardware and Kitchen Supplies		1,435.80	
D–5		Horse-shoeing and clipping		286.00	
K–9		Incidentals		24.85	
S–3		Lime and Cement		149.10	
C–1		Lumber and Millwork		120.42	
C–2		Paints and Oils		466.10	
B–9		Painting Signs		26.50	
C–6		Plants		20.00	
B–2		Removal of Garbage		388.30	
B–2		Transportation of Prisoners		412.60	
A–29		Veterinary Service		5.00	5,741.04
		Outlay	5,117.19		
T–7	265	Auto Van		3,200.00	
	266	Automobile		1,225.00	
T–3		Camera		25.00	
T–6		Electric Lamp		258.19	
T–1		Filing Cabinets		52.45	
T–5		Harness		61.25	
T–1		Range for cooking		42.50	
		Sewing Machine		60.00	

		Shotguns		23.95	
	434	Metal beds		1,256.00	6,204.34
		Subsistence of Prisoners	41,507.12		
D–3	263	Bread		5,244.45	
D–7		Drugs and Medical Supplies		680.38	
D–4		Dry Goods and Clothing		3,442.04	
D–3		Fruits and Vegetables		490.07	
D–2		Fuel		1,281.14	
E–1		Gas—Heating and Cooking		3,241.34	
H–7		Gas Regulator, Rent of		195.00	
D–3		Groceries and Provisions		17,644.10	
D–3		Ice		411.47	
C–4		Janitors' Supplies		868.95	
D–3		Meats and Meat Products		13,949.26	
		Milk and Cream		977.30	
D–4		Shoes and Findings		1,049.94	
D–3		Tobacco		418.88	49,894.32
		Alterations to Jails			
		Salaries	5,173.19		
A–2	434	General Mechanics		4,029.00	
		Expense—			
S–2		Material		8,087.00	
		Outlay—			
T–1	33	Equipment and Furniture		730.00	11,846.00
		Total $200,040.60			
		TOTAL GENERAL GOVERNMENT $1,857,834.88			

PROTECTION TO PERSON AND PROPERTY

Bureau of Building Inspection

Code No.	Budget No.		1915-16		1916-17	
		Salaries	29,884.75			
A–1	353	Chief Inspector		3,600.00		
	354	Inspectors—2 @ $2100 each		4,142.60		
	355	Inspectors—7 @ $1800 each		12,021.90		
	356	Boiler Inspector		1,800.00		
	358	Clerk		1,800.00		
	357	Stenographer-Clerk		2,400.00		
	359	Structural Engineer		2,400.00		
	360	Inspector of House Numbers		2,100.00	30,264.50	
		Salaries—Light and Water	3,780.00			
A–1	17	Inspector Gas and Water		2,100.00		
	18	Asst. Inspector Gas and Water		1,469.95	3,569.95	
		Board of Censors	600.00			
A–2	315	Secretary		62.50	62.50	
		Sealers of Weights and Measures				
		Salaries	9,820.00			
A–1	317	Sealer		2,400.00		
	318	Chief Deputy		1,800.00		
		Deputies		8,020.00		
	319	Clerk-Stenographer		1,200.00	13,420.00	
		Expense	911.73			
B–8 & D–6	320	Auto Repairs and Supplies		421.62		

H–9		Auto License		9.80	
G–1		Cartage		20.00	
B–9		Incidentals		105.45	
B–31	30	Postage		32.00	
B–6		Stationery		177.54	
B–13	320	Traveling Exp. Sacramento		98.00	
B–32		Telephone Service		4.35	868.76
		Outlay	1,487.20		
B–32	321	Auto and Auto Truck		1,491.46	
T–4	320	Weights and Seals		92.60	1,584.06

Total $15,872.82

Accident Insurance, City Employees
Compensation for Injuries Received

H–4	73	Astles, Dan	5,604.53	37.50	
		Boyle, John H.		8.95	
		Barnett, Ben		18.50	
		Battrill, Wm.		32.15	
		Brownlee, Mrs. Ellen		303.75	
		Dougherty, Jno.		101.22	
		Donovan, Jno.		586.45	
		Duffy, T. J.		48.20	
		Dwyer, T. J.		97.50	
		Daley, Jno.		104.45	
		Gallagher, Jno.		85.22	
		Green, John		40.00	
		Hendricks, Louise		154.40	

Accident Insurance, City Employees—Continued

Compensation for Injuries Received

Code No.	Budget No.		1915-16	1916-17
H–4	73	Hannan, Mrs. John	275.00	
		Holland, J. H.	113.90	
		Johnson, N.	100.00	
		Keely, Pat	65.65	
		Kavanaugh, Mich.	8.05	
		Kelly, D. J.	53.05	
		Kane, Thos.	22.50	
		Lyons, Pat	684.75	
		Lillis, Thos.	424.10	
		McNamara, Jno.	25.00	
		McWilliams, Geo.	17.69	
		McKaharay, Jno.	88.16	
		Norton, Pat	33.75	
		O'Brien, J. P.	51.45	
		O'Connell, W. J.	97.55	
		O'Connor, E. B.	96.43	
		Peterson, Olive	305.03	
		Robert, R. F.	133.40	
		Ray, Michael	14.47	
		Sullivan, Pat	64.30	
		Sullivan, Wm.	333.75	
		Smith, Julius R.	275.90	
		Steiner, Karl	18.43	

		Sullivan, J.		536.46	
		Smiley, Frank		70.70	
		Stack, Edmond		400.17	
		Spalding, Teresa E.		152.10	
		Wright, Jos.		162.40	
		Wilson, Abraham		387.90	
		Walsh, Redmond		54.65	
		Wood, Geo. H.		333.40	
		Witbeck, George		59.75	7,078.13
		From Liability Acct. 1915-16			
		Tobin, Agnes		228.28	
		Schilling, Chas.		9.00	
		Lyons, Pat		6.00	297.28
		Total $7,375.41			
		PUBLIC POUND			
		Maintenance of Animals Home	11,308.60		
A–25	28	General Maintenance		10,000.00	10,000.00
		PUBLIC ADMINISTRATOR			
		Expense	800.22		
B–7	26	Advertising		174.45	
H–4	37	Premium on Official Bond		250.00	424.45
		HORTICULTURAL INSPECTION			
		Expense	1,637.70		
A–1	19	Horticulturist		1,898.25	1,898.25

EXEMPT FIREMEN'S RELIEF FUND

Code No.	Budget No.		1915-16		1916-17
J–2	749	Exempt Firemen's Allowance	5,000.00	5,000.00	5,000.00

RECORDER

		Salaries	66,400.00		
A–1	122	Recorder		3,999.96	
	123	Chief Deputy		2,400.00	
	124	Asst. Deputies—5 @ $1800 each		9,000.00	
	125	Clerks—9 @ $1500 each		13,033.33	
	126	Machinist		1,500.00	
	127	Copyists as required		35,804.15	65,737.44
		Expense	2,209.28		
B–9	38	Incidentals		1.00	
B–31	30	Postage		120.00	
H–4	37	Premium on official bonds		35.00	
B–6	30	Stationery and Printing		2,056.84	
G–1	38	Moving office and fixtures		908.00	3,120.84

Total Recorder $68,858.28

DEPARTMENT OF ELECTRICITY

		Salaries	96,882.41		
A–1	714	Electrician		3,000.00	
	715	Bookkeeper and Secretary		2,100.00	
	721	Clerk		1,200.00	
	716	Stenographer		1,320.00	

	717	Messenger		1,020.00	
	718	Chief Inspector		1,800.00	10,440.00
		Fire Alarm and Police Telegraph			
A–1	722	Chief Operator		1,800.00	
	723	Telegraph Operators—7 @ $1500 each		10,500.00	
	724	Telephone Operators—4 @ $1020 each		4,077.50	
A–2	725	Relief Operators		340.30	
A–1	719–720	Inside Inspectors—9 @ $1500 each		13,491.65	30,209.45
		Shop Construction			
		Salaries—			
A–1	730	Chief of Construction		2,400.00	
	731	Foreman Lineman		1,500.00	
	726	Foreman Machinist		1,620.00	
	727–728	Machinists and Instrument Makers—4 @ $1350 ea.		5,396.25	
	736	Linemen—12 @ $1350 each		16,200.00	
	732	Cable Splicer		1,650.00	
	735	Hostler		1,200.00	
	737	Repairer		1,380.00	
	738	Laborers—2 @ $1080 each		2,211.05	
	733	Batteryman		1,500.00	
	729	Painter		1,347.45	
	734	Storekeeper		1,200.00	37,604.75
		Maintenance and Expense	6,939.00		
A–1	739	Asbestos		17.28	
D–6 B–8		Auto Repairs and Supplies		687.73	

Shop Construction—Continued

Code No.	Budget No.		1915-16	1916-17
B–2		Cartage	12.40	
C–3		Dry Goods	3.96	
B–11		Carfare	377.70	
D–7		Chemicals	28.09	
C–5		Cement and Lime	63.85	
D–8		Cleaning Supplies	96.65	
D–2		Fuel	381.94	
T–3		Flags	22.16	
D–2		Gas	291.84	
D–6		Gasoline	535.88	
D–5		Harness	6.05	
C–4		Hardware and Castings	1,041.62	
B–9		Incidentals	64.23	
C–1		Lumber	169.79	
C–2		Paints and Oils	435.42	
C–4		Plumbing Supplies	248.81	
B–31		Postage	6.00	
T–5		Rubber Goods	80.21	
B–2		Removal of Garbage	23.05	
S–3		Repairs to Streets	175.16	
B–8		Repairs to Fire Alarm Boxes	185.65	
B–8		Repairs to Sundry Articles	204.98	
B–6		Stationery and Printing	952.41	
B–9		Towel Service	69.95	6,182.81

General Extensions F. A. & P. Telegraph

		Salaries—			
A–1	740	Construction Engineer		1,200.00	
A–1	740	Instrument Makers		3,615.00	
		Foreman		1,375.00	
		Linemen		7,061.15	
A–2		Laborers		1,786.50	
		Wireman		445.00	15,482.65
		Outlay	18,344.20		
T–6	740	Cable		11,028.40	
		Castings		201.71	
		Electrical Equipment		6,437.36	
		Filing Cases		97.15	
T–7		Cross Beams		20.00	
		Lamps		103.90	
T–9		Pipe and Fittings		294.48	18,183.00

Total Electricity $118,102.66

FIRE DEPARTMENT

Expenditures

Executive

		Salaries	1,254,045.75		
A–1	655	Commissioners—4 @ $1200 each		4,800.00	
	656	Secretary		2,400.00	
	657	Physician		1,800.00	
	658	Stenographer		827.45	
	659	Stenographer		1,404.70	11,232.15

Code No.	Budget No.		1915-16		1916-17
		Administrative			
A–1	666	Clerk to Chief (Captain)		1,860.00	
		Bookkeeper (Engineer)		1,680.00	
		Clerks—2 @ $1440 each (Firemen)		2,880.00	
	665	Clerk and Messenger (Firemen)		1,440.00	7,860.00
		Protection to Life and Property			
A–1	660	Chief Engineer		5,000.00	
	661	1st Asst. Engineer		3,600.00	
	662	2nd Asst. Engineer		3,000.00	
	663	Battalion Chiefs—11 @ $2700 each		26,777.65	
	684	Chiefs' Operators (12)		18,000.00	
	664	Relief Operators		337.70	
	665	Employees of Engine Cos. (48)		786,750.15	
	666	Employees of Relief Cos. (2)		4,500.00	
	667	Employees of Chemical Cos. (12)		76,808.30	
	668	Employees of Truck Cos. (13)		227,248.95	
	669	Employees of Fire Boats (2)		76,140.35	
	670	Employees of Monitor Batteries (2)		440.95	
	671	Employees of Water Towers (2)		8,159.25	1,236,763.30
		Total $1,255,855.45			
		Corporation Yard	62,941.00		
A–1	672	Supt. of Engines		2,700.00	
	673	Clerk and Commissary		1,800.00	
	675	Watchmen—5 @ $1200 each		4,916.65	
	676	Draymen—3 @ $1200 each		3,617.00	

	695	Draftsman		1,530.00		
A–2	696	General Foreman		1,650.00		
	677	Machinists—10 @ $4.50 per day each		12,645.25		
	687	Foreman Carriage Shop, $5.50 per day		1,705.75		
	679	Blacksmiths—5 @ $4.50 per day		5,898.95		
	680	Blacksmiths Helpers—5 @ $3.25 per day		4,930.55		
	681	Woodworker—$4.50 per day		1,421.75		
	682	Pattern maker $5.25 per day		1,646.60		
	683	Brass Finisher $4.50 per day		1,434.75		
	684	Boilermakers—2 @ $4.50 per day		3,060.65		
	685	Boilermakers Helpers—2 @ $3.25 per day		1,789.40		
	686	Steamfitter—$6 per day		1,891.00		
	687	Foreman Painter		1,578.25		
	688	Carriage Painters—3 @ $4.50 per day		2,911.00		
A–1	690	Harness Makers—3 @ $4.25 per day		2,954.30		
	689	Foreman Harness Maker @ $5.00 per day		1,565.25	61,647.10	
		Stables				
		Salaries	18,873.35			
A–1	692	Superintendent of Stables		1,860.00		
	693	Veterinary Surgeon		1,200.00		
	694	Hostlers—8 @ $1200 each		9,706.75		
A–2	691	Horseshoers—4 @ $5.00 per day		4,895.00	17,661.75	
		Auxiliary Fire Protection—Pumping Stations 1 and 2				
		Salaries	20,050.85			
A–1	697	Chief Engineers—2 @ $2100 each		4,156.25		
	698	Asst. Chief Engineers—5 @ $1800 each		8,044.10		
	699	Firemen—7 @ $1440 each		9,030.00	21,230.35	

Distributing System

Code No.	Budget No.		1915-16		1916-17
		Salaries	23,911.00		
A–1	702	Superintendent		2,400.00	
	703	Foreman Gateman		1,540.00	
	704	Gateman—5 @ $1200		6,000.00	
	707	Keeper of Reservoirs		1,480.00	
	706	Caulker @ $4.50 per day		1,408.50	
A–2	705	Laborers—3 @ $3.00 per day		2,718.75	
		Reliefmen		348.40	
A–1	708	Hydrantmen—6 @ $1200 each		7,221.80	23,117.45
		Total Salaries $1,379,512.10			
		Expense—Maintenance	258,894.04		
B–7	26	Advertising		112.62	
C–5	709	Asbestos		72.82	
D–6		Automobile parts and repairs		6,077.51	
B–6		Blueprint paper		19.04	
T–3		Badges		.65	
C–4		Brass Material		643.21	
D–9		Boiler Repairs		68.69	
D–8		Brooms and brushes		552.75	
C–5		Cement		33.33	
D–8		Cleaning Supplies		2,066.45	
C–3		Cordage		27.31	
D–7		Drugs and Chemicals		2,203.32	
D–9		Engine Supplies		2,261.00	

E–3		Electric Current	12,194.25
D–9		Electric Supplies	1,176.40
T–1		Excelsior	147.50
D–5		Forage	28,477.15
D–2		Fuel	9,628.36
		Fuel Oil	13,972.53
C–3		Flags	113.11
D–6		Gasoline	5,091.74
C–4		Hardware	4,208.14
D–5		Horseshoeing material	1,537.13
B–9		Incidentals	191.74
C–1		Lumber and Millwork	340.96
T–5	709	Hose	1,096.29
H–7		Gas Regulator Rental	123.50
D–5		Pads for Horses	521.76
D–5		Pasturing Horses	227.00
C–2		Paints and Oils	2,007.00
B–3		Phone Service	21.85
B–31	30	Postage	120.00
C–4	709	Plumbing Material	666.61
H–4	37	Premium on Bonds	100.00
B–2	709	Removal of Garbage	1,287.00
B–8		Sundry Repairs	186.48
D–6		Recharging Batteries	140.07
T–5		Rubber Goods	865.05
B–8		Resetting Hydrants	2,650.66
H–7		Rent of Premises	2,519.00

Fire Department—Continued

Maintenance—Continued

Code No.	Budget No.		1915-16		1916-17
B–6	30	Stationery and Printing		2,479.63	
D–1	709	Subscription to Papers		13.20	
		Transportation motor driven apparatus		209.65	
B–2		Transportation of horses		4.25	
T–9		Watches		6.20	
E–5		Water, Fireboats, etc.		287.49	
E–6		Water for pumping stations		7,500.00	
E–5	40	Water for hydrants		131,995.15	246,245.55
		Outlay—Apparatus, etc.	102,312.74		
C–4	709	Castings		664.83	
T–5		Fire Extinguisher		29.60	
T–1	33	Furniture		1,524.71	
T–5	709	Harness		758.75	
		Hose		209.94	
		Hydrants		3,155.65	
		Ladders		543.76	
		Lamps		1,098.46	
		Machinery and repairs		4,001.29	
T–6	712	Pumps		184.50	
T–5	709	Tires		4,587.98	
	710	Tractors		16,160.00	
		Ford Automobiles		2,420.00	
	711	Ford Runabouts (3)		1,608.58	

T–5	712	Engine and Hose Carts		25,700.00	
T–6	711	Water heaters		178.50	62,826.55
		Total $1,688,584.20			
		Repairs to Fire Department—Buildings			
A–2	66	Personal Service—Wages of Mechanics	14,105.80		
		Carpenters		5,289.00	
		Cement Finishers		846.00	
		Glazier		22.50	
		Labor		212.00	
		Painters		3,040.75	
		Plumbers		1,887.40	
		Teamsters		1,003.35	
		Tinners		3,045.75	
		Wireman		483.75	15,830.50
		Expense	$ 4,398.20		
B–11	66	Carfares		118.80	
B–8		Glass and Glazing		185.94	
B–8		Hardware		573.73	
B–8		Lumber		1,342.88	
B–8		Paints and Oils		810.30	
B–8		Plumbing Material		314.22	
B–8		Iron and Steel		376.05	
B–8		Repairs to Chimneys		65.00	
B–8		Repairs to Roofs		204.17	
B–8		Wrecking Old Building		10.00	4,001.09
		Total $19,831.59			

Fire Department—Continued

Code No.	Budget No.		1915-16		1916-17
		Fire Dept. Construction	86,592.41		
		Improvement Ashbury Tank			
		Outlay—			
S–3	713	Mechanics and Labor		672.35	672.35
		Expense—			
S–3	713	Cement		146.63	
		Gravel		127.25	
		Hardware		6.72	
		Lumber		18.50	
		Paints and Oils		26.64	
		Plumbing Supplies		93.85	
		Teaming		6.50	426.09
		Total $1,098.44			
		Fire Department Buildings —Code "S"			
A–2	71	Architectural Service		953.18	
		Building Inspector		1,793.30	
		Labor and Mechanics		770.90	
		Electrical Engineer		41.65	3,559.03
		Expense—			
D–1	71	Blueprint		4.47	
C–5		Cement		118.59	
		Dry Goods		16.15	
T–6		Electric Supplies		34.00	

C–5	Glass		17.00	
C–4	Hardware		37.65	
C–1	Lumber		297.78	
C–2	Paints and Oils		930.19	
R–2	Purchase of Land		3,750.00	
C–5	Sand		76.15	
H–4	Insurance		35.00	5,316.98
	Total $8,876.01			
	Engine House No. 4—From 1915-16 Account			
	Salaries	1915-16		1916-17
A–29	Architectural Service		754.34	
A–2	Inspectors		663.30	1,417.64
	Expense of Outlays—			
S–2	Electrical Work		1,357.00	
S–1	General Construction		21,287.00	
	Painting		66.00	
	Plastering		15.00	
	Plumbing		3,996.00	26,721.00
	Total $28,138.64			
	Engine House No. 8 Truck No. 4, 1915-16 Account			
A–29	Architectural Service		716.80	
A–2	Inspectors		815.15	1,531.95
	Expense—			
B–12	Auto Hire		40.00	
B–6	Blueprint		2.20	

Engine House No. 8 Truck No. 4, 1915-16 Account—Continued

Code No.	Budget No.		1915-16	1916-17
S–2		Electrical Work	1,003.20	
S–1		General Construction	18,858.66	
S–2		Lighting Fixtures	897.00	
S–1		Plumbing	2,859.75	23,660.81
		Total $25,192.76		
		Engine House No. 17—1915-16 Account		
A–29		Architectural Service	733.23	733.23
B–6		Blueprint	45.50	
S–2		Electrical Work	1,309.00	
S–1		General Construction	22,520.00	
S–2		Lighting Fixtures	640.00	
S–2		Plumbing	3,665.00	
S–3		Street Work	870.00	29,049.50
		Total $29,782.73		
		Engine House No. 5—1915-16 Account		
S–1		Consulting Engineer	48.00	48.00
		Engine House No. 12		
S–2		New Doors	280.00	280.00
		Total Construction, Etc. $93,416.58		
		Total Fire Department $1,801,832.37		

POLICE DEPARTMENT

Executive

		Salaries	$ 1,452,784.31	
A–1	267	Commissioners—4 @ $1200 each	4,800.00	
	268	Confidential Secretary	1,600.00	
	277	Acting Secretary to Commission (Sergeant)	1,656.00	
	269	Stenographer	1,800.00	9,856.00

Administrative—General Service

	271	Chief of Police	3,975.96	
	272	Clerk to Chief (rated as Captain)	2,376.00	
	280	Assistant Clerks (2) Police Officers @ $1464 each	2,880.00	
	273	Property Clerk (rated as Captain)	2,376.00	
	279	Property Clerk, Assistant—1, Corporal @ $1564	1,536.00	
	280	Property Clerk Assts.—4 police officers @ $1464 ea	5,760.00	18,903.96

Bookkeeping Department

	276	Lieutenant—Bookkeeper	1,896.00	
	280	Police Officers (4) Assistant Police Officers	5,760.00	7,656.00

License Department

	276	Lieutenant (Chief Clerk)	1,896.00	
	280	Police Officers (5), Asst. Clerks	7,200.00	
	288	Stenographers—2 @ $1200 each	2,364.52	11,460.52

Identification Department

	299	Police Photographer	1,650.00	
	280	Recorders—6 Police Officers	8,640.00	10,290.00

POLICE DEPARTMENT—Continued

Detective Bureau

Code No.	Budget No.		1915-16	1916-17
	274	Captain of Detectives	2,976.00	
	277	Detective Sergeants—25 @ $1800 each	44,400.00	47,376.00
		Complaint Department		
	276	Lieutenant in Charge	1,896.00	
	280	Police Officers—3 @ $1464 each	4,320.00	6,216.00
		Prison Keepers—Hall of Justice		
	276	Lieutenant in Charge	1,896.00	
	280	Assistants—15 Police Officers	21,600.00	
	285	Matrons—4 @ $1080 each	4,320.00	
	287	Cook	1,200.00	
	270	Surgeon	1,500.00	30,516.00
		Police Station Keepers		
A–1	278	Sergeants of Police—22 @ $1680 each	36,432.00	
	279	Corporals—16 @ $1560 each	24,576.00	
	280	Police Officers—54 @ 1464 each	77,760.00	
	283	Telephone Operators—4 @ 1020 each		
A–2	284	Relief Operator @ $300	4,380.00	143,148.00
		General Service		
A–1	275	Captains of Police—9 @ $2400 each	21,384.00	
	276	Lieutenants—14 @ $1920 each	26,217.80	

	278	Sergeants of Police—50 @ $1680 each		82,179.00	
	279	Corporals of Police—35 @ $1560 each		53,117.65	
	280	Patrolmen—671 @ $1464 each		939,442.50	
	281	Police Protective Women—3 @ $1200 each		3,600.00	
	282	Patrol drivers—26 @ $1440 each		31,463.33	
		Hostlers—9 @ $1140 each		10,241.00	
		Engineers Police Launch—3 @ $1500 each		4,500.00	$ 1,172,145.28
		Total Salaries $1,457,567.76			
		Fines and Contributions to Police Pension Fund	23,333.00	22,484.00	22,484.00
		Contributions $22,234 deducted from Monthly Salary Warrants			
A–1	290	Contingent Expenses	8,049.00	9,800.00	9,800.00
A–25	38	Special Contingent Fund for Detection and prosecution of conspirators in dynamite case		3,890.37	3,890.37
		Police Patrol Auto Maintenance	37,608.42		
B–6	291	Auto Supplies		1,945.95	
		Auto repairs		3,899.37	
D–6		Gasoline and Oil		4,955.35	
B–6		Tires		2,204.73	13,005.40
		Outlay—			
T–7	295	Auto Patrol Wagon		3,200.00	
	296	Auto Runabouts (2)		997.10	4,197.10
		Police Patrol Expense			
D–7	291	Drugs and Chemicals		21.92	
D–5		Forage		9,685.19	

POLICE DEPARTMENT—Continued

Police Patrol Expense—Continued

Code No.	Budget No.		1915-16	1916-17
C–4		Hardware	95.78	
D–5		Horse-shoeing and clipping	4,045.58	
B–9		Incidentals	23.65	
C–2		Paints and Oils	63.20	
B–2		Removal of Garbage	275.50	
D–5		Stable Supplies	400.08	
D–5		Veterinary Service	269.05	
B–8		Wagon Repairs	164.09	15,044.04
		Outlays—		
T–8	291	Horses	330.00	
T–7		Harness	138.80	
D–9		Lamps, Electric	301.62	770.42
		General Police Maintenance		
B–7	26	Advertising	2.38	
T–2	30	Directories	232.50	
D–4	38	Dry Goods	16.50	
T–1	33	Furniture	170.60	
D–2	291	Fuel	1,317.88	
T–2	30	Penal Codes	52.50	
D–9	292	Photo Supplies	1,462.89	
H–4	37	Premium on Bonds	112.50	
B–8	66	Sundry Repairs	123.58	
B–6	30	Stationery and Printing	5,541.77	

D–8	291	Towel Service		547.50	
B–31	30	Postage		480.00	10,060.60
		Outlays—			
T–1	33	Furniture		1,672.71	
	30	Flags		21.76	
	30	Typewriting Machines		283.11	1,977.58
		Subsistence of Prisoners	8,207.67		
D–3	294	Bread		1,075.22	
D–4		Dry Goods		455.34	
D–7		Drugs and Chemicals		63.02	
D-2		Gas		891.47	
D–3		Groceries		2,452.08	
D–2		Electric Power		66.53	
T–1		Furniture		109.73	
D–2		Fuel		19.50	
T–1		Kitchen Furniture		99.53	
D-3		Ice		214.20	
D–8		Janitorial Supplies		337.08	
		Laundry		96.17	
D–3		Meat		1,940.20	
		Milk and Cream		182.02	
D–4		Shoes		141.63	8,143.72
		Police Launch Maintenance			
B–8	297	Engine Supplies and Repairs		68.93	
		Launch Repairs		233.80	
D–6		Distillate		197.70	500.43

POLICE DEPARTMENT—Continued

Repairs Police Buildings

Code No.	Budget No.		1915-16		1916-17
A–2	66	Mechanics and Labor		7,030.25	7,030.25
		Expense—			
B–9	66	Carfare		45.10	
C–5		Cement		64.16	
C–4		Hardware and Electric Supplies		560.66	
C–5		Glass and Glazing		29.55	
C–1		Lumber		1,768.47	
C–2		Paints and Oils		329.44	
C–4		Plumbing		195.68	
B–8		Sundry Repairs		187.40	3,180.46

Total Police Department $1,557,652.13

Total Protection to Person and Property—
$3,620,913.32

CONSERVATION OF HEALTH

Department of Health—Executive

		Salaries	9,720.00		
A–1	436	Health Officer		3,900.00	
	437	Chief Clerk		2,700.00	
	446	Stenographers—2 @ $1200 each		2,510.00	
	447	Telephone Operator		1,020.00	
	444	Filing Clerk		1,086.00	11,216.00

		Auditing Department	3,600.00		
A–1	438	Bookkeeper and Auditor		2,400.00	
	439	Clerk		1,200.00	3,600.00
		Bureau of Sanitation	18,607.15		
A–1	454	Chief Sanitary Inspector		3,000.00	
	455	Assistant Sanitary Inspectors—4 @ $1800 each		7,212.50	
	441	Clerk		1,920.00	
	445	Stenographer		1,200.00	
	449	Relief Telephone Operator		419.25	
	448	City Physician		2,400.00	16,151.75
		Bureau of Laboratories	11,795.85		
A–1	474	Director		3,600.00	
	475	Bacteriologist		1,800.00	
	476	Asst. Bacteriologist		1,500.00	
	477	Helper		780.00	
	478	Chemists—2 @ $1500 each		3,002.65	
	480	Assistant		1,275.70	
	479	Helper		900.00	
	481	Stenographer—Clerk		1,080.00	13,938.35
		Vital Statistics	4,200.00		
	439	Mortuary Clerk		1,500.00	
	440	Birth Registry Clerk		1,500.00	
	441	Complaint Clerk		1,200.00	4,200.00

CONSERVATION OF HEALTH—Continued

Code No.	Budget No.		1915-16		1916-17
		General Health Inspectors	56,276.85		
A–1	464	Disinfectors—2 @ $1500		3,000.00	
	457	Chief Plumbing Inspector		2,100.00	
	458	Asst. Plumbing Inspectors—5 @ $1800 each		7,625.00	
	459	Meat—Veterinarians—4 @ $1620 each		6,302.00	
	460	Market Inspectors—14 @ $1500 each		20,958.30	
	463	Food Inspectors—2 @ $1500 each		3,000.00	
	462	Dairy Inspectors—2 @ $1500 each		2,683.35	
	461	Dairy Veterinarians—2 @ $1800 each		3,600.00	
	456	Industrial Inspectors—4 @ $1500 each		6,117.50	
	471	Indigent Inspector		2,100.00	
	472	Inspector of Plants		300.00	
	470	Tenement House Inspectors—3 @ $1500 each		4,375.00	62,161.15
		Conservation of Child Life			
		Salaries	17,475.65		
A–1	465	Medical School Inspector		1,800.00	
	466	Medical School Inspectors—3 @ $1200 each		3,300.00	
	467	Health Inspectors (Schools)—3 @ $1200 each		3,060.00	
	468–469	Health Inspectors (Schools)—14 @ $900 each		12,449.85	20,609.85
		Total Salaries $131,877.10			
		Health Department Maintenance			
		Transportation	16,981.04		
B–12	450	Auto Hire		858.95	
B–8		Auto Repairs and Supplies		3,728.81	

B–52		Auto Storage		128.00	
B–11		Cash Advanced (Carfare)		2,853.67	
B–13		Transportation (Inspection Outside Dairies)		1,116.15	8,685.58
		Outlay	2,285.00		
T–7	649–650	Automobiles (3)		2,245.55	
T–8	450	Horses		450.00	2,695.55
		Expense—			
D–4	450	Dry Goods		43.51	
D–7		Drugs and Chemicals		3,298.08	
B–6		Directories		7.50	
C–4		Electrical Supplies		79.14	
T–1		Flags		6.31	
D–2		Fuel		45.95	
D–5		Forage		202.18	
D–2		Gas		328.60	
C–4		Hardware		125.35	
D–3		Ice		166.35	
D–8		Janitors' Supplies		337.67	
D–7		Laboratory Supplies		1,327.38	
H–4	37	Premium on Bonds		15.00	
B–31	30	Postage		917.10	
B–2	450	Removal of Garbage		58.00	
D–4	450	Rubber Goods		37.63	
B–6	30	Stationery and Printing		2,744.39	
B–8		Sundry Repairs		61.04	
B–6		Printing Reports		197.00	
B–13	450	Traveling Expenses to Boston and Washington		50.00	10,048.88

CONSERVATION OF HEALTH—Continued

Code No.	Budget No.		1915-16		1916-17
		Health Department Maintenance—Continued			
		Outlays—			
S–1	450	Filing Supplies		430.85	
		Fixtures		67.25	
T–6		Gasoline Tank		198.70	
T–5		Fumigators		496.80	
T–5		Surgical Instruments		6.94	
T–6	30	Typewriter		75.00	1,275.54
		General Repairs to Health. Dept. Buildings			
S–1	66	Wages of Mechanics		3,304.65	
		Material—Paints		46.34	3,350.99
		Total Expense $157,933.64			
		Isolation Hospital			
		Salaries	20,637.59		
A–1	582	Superintendent		2,353.35	
	583	Interne		130.00	
	584	Steward		1,183.35	
	585	Attendant to Lepers		1,080.00	
	586	Graduate Nurses—9 @ $900 each		8,288.75	
	587	Cooks—2 @ $1080 each		2,316.00	
	588	Pupil Nurses—10 @ $144 each		1,398.00	
	597	Ambulance Driver @ $960		844.00	

	591	Gardener		960.00	
	589–590	Watchmen—2 @ $900 each		1,800.00	
A–1	592	Wardwomen—9 @ $420 each		3,509.85	
A–2	592	Institutional Help when required		3,373.20	27,236.50
		Expense	16,976.12		
B–12	599	Auto Service		473.00	
B–8		Auto Supplies and Repairs		687.05	
D–3		Bread		1,240.54	
B–2		Cartage		18.00	
D–8		Cleaning Supplies		442.86	
B–6		Directory		7.50	
D–7		Drugs—Medical Supplies		5,155.43	
D–4		Dry Goods and Clothing		1,563.40	
D–3		Fruits and Vegetables		2,074.16	
D–2		Fuel		2,149.03	
B–2		Garbage Removal		120.00	
D–3		Groceries and Provisions		4,472.33	
D–2		Gas		2,017.38	
C–4		Hardware and Kitchen Utensils		1,129.37	
		Incidentals		334.51	
D–7		Laboratory Supplies		102.87	
D–3		Liquors		170.49	
D–3		Meats, Poultry, Fish		5,075.62	
		Milk and Cream		2,244.91	
B–6		Optical Goods		9.76	
B–31	30	Postage		15.00	
D–4	599	Rubber Goods		106.96	

CONSERVATION OF HEALTH—Continued

Code No.	Budget No.		1915-16		1916-17
		Isolation Hospital—Continued			
H–7		Rent of Fire Alarm Box		24.00	
B–6	30	Stationery and Printing		199.82	
B–13	599	Transportation of Lepers		369.13	30,203.12
		General Repairs	1,587.37		
B–8	599	Cement		6.50	
		Lumber		47.91	
		Paints and Oils		110.17	
		Plumbing Material		12.57	
		Sundry Repairs		57.00	234.15
		Outlay	2,644.87		
T–1	599	Furniture		112.10	
T–5		Fumigators		57.60	
T–5		Surgical Instruments		365.46	
S–3	66	Heating System		790.00	1,325.16
		Total Isolation $58,998.93			
		Tubercular Hospital			
		Salaries	21,890.95		
A–1	559	Resident Physician		1,800.00	
	560	Internes—1 @ $600; 1 @ $480		850.00	
	562	Gateman		720.00	
	566	Supt. of Nurses		1,080.00	
	563	Graduate Nurses—3 @ $900 each		2,754.05	

	565	Practical Nurses—6 @ $420 each		2,534.00	
	564	Chambermaid		279.65	
	572	Orderlies @ $240 each		3,128.65	
	571	Pupil Nurses @ $144 each		1,520.05	
	574–575	Cooks—1 @ $1080, helper @ $200		1,280.00	
	567	Yardmen @ $192 each		898.00	
	578	Wardmen @ $120 each		1,580.65	
A–2	576–581	Attendants and Institution Help		5,653.75	24,078.80
		Outlay—			
S–2	66	Construction of Room		115.70	115.70
		For Maintenance—See San Francisco Hospital			
		Total $24,194.50			
	453	Inspection of Tuberculars at Home			
A–1		Salaries of Nurses for home inspection		2,467.25	2,467.25
		Expense—			
D–4	453	Dry Goods		73.50	
B–9		Incidentals		218.80	
D–8		Disinfectants		98.50	
T–5		Fumigating Equipment		489.23	880.03
		Total $3,347.28			
	653	Furnishing Diphtheria Carrier Pavilion			
T–1		Equipping and Furnishings		982.71	982.71
		Salaries—Special Sanitation	7,116.67		
A–1	654	Special Sanitary Inspectors		4,680.00	
A–1		Storekeeper		780.00	
A–2		Laborers		782.50	6,242.50

CONSERVATION OF HEALTH—Continued

Code No.	Budget No.		1915-16		1916-17	
		Tuberculosis Hospital—Continued				
		Expense	2,881.04			
B–8	654	Auto Repairs		26.75		
B–11		Carfare		326.80		
D–7		Drugs and Chemicals		141.20		
		Fumigators		109.80		
D–2		Fuel		4.87		
D–5		Forage		42.58		
D–7		Hardware and Electric Supplies		68.58		
D–3		Ice		43.65		
D–7		Laboratory Supplies		67.33		
B–2		Removal of Garbage		44.00		
B–6		Stationery		199.48		
B–8		Sundry Repairs		15.25		
E–9		Water		33.15	1,123.44	
		Total Sanitation $7,365.94				

SANITATION AND PROMOTION OF CLEANLINESS

		Extension Main Sewers				
A–2		Plans—Inspector		40.00	40.00	
A–2		Salaries	5,924.50			
A–2	65	Engineer		1,034.50		
		Photographer		63.75		
		Chemist		175.00		

		Draftsmen		1,799.80	
		Inspectors		1,817.00	
		Surveyors and Assistants		1,039.20	5,929.25
		Outlay—Code "S"	20,600.00		
B–6	65	Bond Paper		30.00	
B–11		Carfare		13.65	
S–3		Dredging Outfall Pierce St.		1,830.00	
		Glen Park Sewer Construction		5,955.41	
R–2		Damage to property (Land Purchased)		500.00	
S–3		LaPlaya and Great Highway Sewer		36,786.80	
		Somerset, Wayland and Felton Sewer		18,150.16	
		Contingencies		16.50	
		Railroad Av. Ingerson to San Bruno Aves.		4,840.93	68,123.45
		Total $74,052.70			
		Sewer Construction 1915-16 Account	41,504.25		
A–2 & S–3		Oakdale Ave. Sewer—			
S–3		Engineers and Assistants		781.45	
S–3		General Construction		9,985.41	10,766.86
		Sloat Boulevard Sewer—			
A–2		Engineer and Assistants		512.50	
S–3		General Construction		12,879.32	13,391.82
		South Bay View Dist. Sewer—			
A–2		Engineers and Assistants		261.05	261.05
		Catch Basins, 5th and Townsend—			
A–2	32	Mechanics—Wages		68.00	
S–3		Sewer Pipe		27.00	95.00

SANITATION AND PROMOTION OF CLEANLINESS—Continued

Code No.	Budget No.		1915-16		1916-17
		Extension Main Sewers—Continued			
		Sewer Pumping Station Code "S"—			
		Salaries	6,667.12		
A–2	430	Assistant Engineer		80.00	
		Draftsman		80.65	
		Chemist		50.00	
		Cement Finisher		85.00	
		Inspector		237.50	
A–1		Watchman		1,090.00	1,623.15
		Outlay—"S"			
D–7	430	Chemicals		39.65	
T–6		Electric Fixtures		42.86	
E–4		Electric Power		2,891.79	
D–9		Electric Lamps		11.63	
T–6		Pump		4,429.46	
T–6		Overhauling Pump		581.58	
K–9		Sundries		69.30	8,066.27
		Total $9,689.42			
		General Repairs to Sewers			
		Salaries and Wages	126,873.50		
A–1	365	Superintendent		3,000.00	
	64	Asst. Superintendents—1 @ $1500, 1 @ $1800		2,885.00	
A–2	64	Bricklayers (5)		9,772.50	

		Carpenters and Cribbers (17)		16,898.50	
		Foremen General—3 @ $1800 each		5,540.40	
		Foremen Labor (4)		6,985.95	
		Hodcarriers (7)		9,800.75	
		Laborers		15,970.95	
		Painters		92.00	
		Plumbers		15.25	
		Sewer Cleaners		20,972.50	
		Side Sewerman		12.00	
		Teamsters		35,423.10	
		Tinners		8.25	
		Watchmen		2,054.35	
		Wireman		12.50	129,444.00
		Expense	12,908.49		
B–12	64	Auto hire		160.00	
K–9		Auto License		10.08	
D–6		Auto Supplies		250.27	
C–5		Brick		2,196.70	
B–11		Carfare		90.20	
C–5		Cement		1,667.22	
C–3		Cotton duck		55.47	
C–4		Electrical Material		67.78	
E–4		Electrical Current		74.50	
D–2		Fuel		63.37	
D–6		Gasoline		322.90	
C–4		Hardware		652.89	
S–3		Iron Gates and Frames		1,659.19	

SANITATION AND PROMOTION OF CLEANLINESS—Continued

Code No.	Budget No.		1915-16		1916-17
		General Repairs to Sewers—Continued			
K–9		Incidentals		5.02	
C–3		Jute Bags		140.00	
D–6		Kerosene		50.00	
D–9		Lamps and Globes		91.20	
C–1		Lumber		751.55	
S–3		Manhole Covers		1,438.80	
C–4		Machinery Supplies		144.61	
C–2		Paints and Oils		156.33	
B–8		Repairs to Tools		415.55	
K–9		Refund of Money—Sidesewer		125.55	
T–5		Rubber Goods		971.00	
S–3		Sewer Pipe		5,716.10	
B–8		Sundry Repairs		293.30	
E–9		Water		44.92	17,614.50
		Total General Repairs to Sewers $147,058.50			
		Sewer Work in Front of City Property			
		Expense	7,093.31		
S–3	60	Sarrica Ave. San Jose and Delano		187.00	
		26th Ave. near Vincent		325.00	
		Brompton, Bosworth and Joost		490.00	
		Campbell, Alpha and Rolland		60.38	
		San Bruno and Mariposa		89.80	

C–4		Electric Supplies (Res. 13780)		47.65	
D–9		Electric Lamps (Res. 13780)		426.00	1,625.23
S–3	60	Resetting Hydrants		1,615.00	1,615.00
		Total $3,240.23			
		Cleaning and Sweeping Streets			
		Salaries	332,680.90		
A–1	72	Superintendent and Assistant		5,000.00	
A–2		Apparatus Tender		110.30	
		Blacksmith and Helper		2,610.00	
		Carpenter		631.75	
A–1		Chauffeurs—2 @ $1200 each		2,396.75	
		Clerk		1,800.00	
A–1		Foremen Labor—7 @ $3.50 per day		7,890.40	
		Foremen Sweepers—15 @ $3.50 per day		15,080.85	
A–2		Laborers as required		69,417.00	
		Painters		1,575.00	
		Plumbers		22.25	
		Sweepers as required		79,918.85	
		Tinners		843.50	
		Teamsters		137,722.45	
A–1		Watchmen—8 @ $1080 each		8,649.10	
A–2		Wireman		2.50	333,670.70
		Expense	29,124.97		
K–9	72	Auto License		9.68	
B–12		Auto Hire		490.00	
B–8		Auto Repairs		911.77	

SANITATION AND PROMOTION OF CLEANLINESS—Continued

Code No.	Budget No.		1915-16	1916-17
		Cleaning and Sweeping Streets—Continued		
T–9		Ash Cans	501.00	
		Brooms and Brushes	3,425.17	
B–11		Carfare	16.50	
E–4		Electric Power	93.79	
C–4		Electric Material	31.76	
D–2		Fuel	90.85	
D–6		Gasoline	1,333.57	
D–9		Globes and Lamps	25.88	
T–4		Hardware	703.40	
T–5		Hose	280.29	
K–9		Incidentals	16.65	
C–3		Jute Bags	206.55	
D–6		Kerosene	14.00	
C–1		Lumber	97.66	
H–7		Rent of Garage	169.47	
B–2		Removing Debris	3,197.65	
B–8		Repairs to Machinery	3,349.57	
		Repairs to Wagons	718.80	
C–2		Paints and Oils	353.37	
D–4		Rubber Boots	216.24	
C–5		Sand	183.59	
C–4		Steel and Iron	439.60	
E–5		Water	4,946.00	21,822.81

Total Sweeping Streets $355,493.51

Total Sanitation $621,455.03

Street Repairs

		Salaries and Wages	468,959.45	
A–4	361–362	Superintendent of Repairs		3,300.00
		Assistant Superintendent of Repairs		2,282.50
	59	Special Assistant Superintendent of Repairs		3,350.00
A–2		Assistant Civil Engineer		477.50
A–3		Asphaltmen—38 @ $4 per day		42,524.95
		Bricklayer		672.00
A–3	366	Blacksmith and helper		2,598.35
		Carpenters (2)		3,008.75
		Cement Finishers		6,530.45
A–1		Chauffeurs—1 @ $1800, 1 @ $1200		2,720.45
		Clerks—1 @ $1620, 1 @ $1500		3,160.00
		Engineers H. P. Engines		6,274.90
A–3	368	Engineers, Relief		1,790.60
A–2	59	Engineers, Stationary		5,155.10
		Engineers, Lutz Machine Heater		1,880.25
		Engineers, Mechanical		7,593.75
		Draftsman		81.00
		Firemen		2,507.40
		Foreman Teams		1,800.00
		Foreman Asphalt Plant		2,100.00
		Foreman Asphalt Workers		11,706.75
		Foreman Granite Cutters		2,013.75
		Foreman Laborers		8,657.30
		Foreman Pavers		2,100.00

HIGHWAYS—Continued

Code No.	Budget No.		1915-16		1916-17
		Street Repairs—Continued			
		Foreman Quarry Drillers		3,749.30	
A–3	59	Glazier		2.50	
A–2		Granite Cutters		22,055.25	
		Hodcarrier		720.00	
		Inspector		1,050.00	
		Laborers		111,561.25	
		Superintendent Stone Paving		2,100.00	
A–3		Painters		2,281.00	
		Pavers—20 @ $6 per day		33,314.00	
		Plumbers		74.50	
		Quarry Drillers		4,614.25	
		Rammers—11 @ $5 per day		15,880.20	
		Surveyor Field Assistant		15.00	
		Steam Fitters		78.00	
		Tinners		565.00	
A–1		Teamsters, Lamp Wagon		2,200.00	
A–3		Teamsters, General, $6.50 per day		111,345.35	
A–2		Watchmen—7 @ $1080 each		7,436.00	
A–3	364	Watchmen, Relief		2,203.60	
	59	Wireman		6.25	445,537.20
		Maintenance	190,123.39		
H–2	59	Auto Licenses		93.10	
D–6/B–8	59	Auto Repairs and Supplies		2,093.74	
B–12		Auto Service		1,040.00	

C–5		Asphalt	27,638.61
		Brick, Vitrified	5,894.15
B–6		Cards	90.50
B–11		Carfare	799.10
C–5		Cement and Lime	49,130.28
		Creosoting Blocks	10,472.03
C–3		Cotton Duck	50.25
C–5		Cutting Curbs	4,413.13
D/6		Distillate and Gasoline	2,209.70
E–4		Electric Current	2,114.38
T–6		Electric Material	346.00
D–5		Forage	471.60
B–2		Freight	71.70
D–2		Fuel Oil	6,936.94
H–7	59	Garage Rental	67.50
C–5		Grouting	10,053.74
C–4		Hardware	2,416.58
D–5		Horseshoeing	242.00
D–9		Hose	925.30
K–9		Incidentals	82.75
C–4		Iron and Steel	4,220.54
D–2		Kerosene	1,444.59
D–9		Lamps and Globes	464.79
S–3		Loam	100.00
B–12		Livery	1,680.00
C–1		Lumber	2,625.03
C–4		Pipe	148.06

HIGHWAYS—Continued

Code No.	Budget No.		1915-16		1916-17
		Street Repairs—Continued			
C–2		Paints and Oils		706.84	
B–32		Phone Service		14.44	
D–9		Powder		391.73	
C–4		Paving Material		319.25	
K–9		Refund Side Sewer Deposit		98.80	
C–5		Rock and Sand		36,451.89	
S–3		Resetting Hydrants		400.00	
B–8		Repairs to Tools		1,412.51	
S–2		Repaving Rhode Island Ave.		1,461.98	
S–2		Repairs to Asphalt Plant		4,091.94	
		Redressing Material for Pavements		6,658.10	
		Reshaping Basalt Blocks		13,966.76	
		Sign Painting		168.00	
G–2		Teaming and Hauling		5,421.41	
B–8		Wagon Repairs		427.75	
E–5		Water		8.95	210,336.44
		Total Street Repairs $655,873.64			
E–5		Water for Troughs		2,129.60	2,129.60
		Street Outlays	13,375.00		
S–2	59	Construction of Bulkhead Fair Ave.		300.00	
T–5		Fire Extinguisher		38.40	
T–4		Machinery		5,116.84	
S–2		Road Grader		250.00	

T–2		Surveyors' Instruments		33.64	
S–3		Track Laying		1,539.17	7,278.05
		Regrading Hayes St. Steiner to Scott	24,120.00		
A–2		Engineer		25.00	
S–2		General Construction		479.11	504.11
R–1	53	Purchase of Land Division St.		1,400.00	
	54	Purchase of Land Chenery St.		5,000.00	
	56	Purchase of Land St. Mary's Ave.		1,715.00	
	57	Purchase of Land Lippard St.		5,000.00	
	59	Purchase of Land Extension Stanyan St.		1,475.00	14,590.00
		Purchase of Land Junipera Serra Boulevard and Ocean Ave.		25,230.00	25,230.00
S–2		Construction Steel Stairway, Indiana and 18th Sts.		578.10	578.10
		Total Special Street Work $48,180.26			
		Repairs to Street Work in Front of City Property			
S–3	60	Sidewalks and Curbs	18,683.71		
		Bay View Police Station		43.00	
		Bacon St.		243.65	
		Buena Vista Park		1,508.24	
		8th Ave. and Kirkham		191.50	
		Farragut School		214.85	
		Isolation Hospital		435.65	
		San Francisco Hospital		134.44	
		Garfield Square		48.13	
		Paul Revere School		148.88	
		Sheridan School		290.00	

HIGHWAYS—Continued

Code No.	Budget No.		1915-16		1916-17
		Repairs to Street Work in Front of City Property—Continued			
		16th and Arkansas		54.02	
		Hayes St.—Alamo Square		535.29	3,847.65
		Street Work fronting City Property	33,331.61		
S–3	60	Andover St. Courtland Park		1,116.82	
		Bacon St. and Berlin		2,213.85	
		Bernal School		996.00	
		Broadway and Bartol		137.79	
		Congo and Circular Ave.		295.00	
		Church bet. 21st and 22nd		937.65	
		Capitol Ave. Lobos and Faralone		1,211.00	
		Daniel Webster School		1,752.80	
		Division 10th and Bryant		2,441.49	
		Ellington, Whipple and Naglee		80.00	
		Eighteenth and Irving Sts.		998.00	
		Felton and Somerset		87.00	
		Folsom, Jarboe and Tompkins		432.88	
		Francisco and Larkin		717.96	
		Fulton—27th and 28th Ave.		176.50	
		Farragut School		1,639.41	
		Hayes St.—Alamo Square		12,217.00	
		Liberty and Church		150.74	
		Miguel, Bemis and Laidley		459.22	
		Newcomb, Newhall and Mendall		214.03	
		Parkside—Square		3,228.38	

		Precita Ave., Army—York		29.74	
		Phelan Ave.—Balboa Park		9,791.42	
		Plymouth and Broad		16.12	
		Railroad Ave. and Jamestown		140.70	
		Santa Rosa and San Jose Ave.		748.50	
		San Bruno, Leland and Visitacion		616.84	
		Tavaral and 18th Ave.		18.02	
		24th Ave.—Balboa and Cabrillo		1,046.20	
		31st, Judah and Irving		1,054.00	
		22nd and Vermont Sts.		563.95	
		Texas and Missouri		364.00	
		20th and Texas		306.00	
		39th Ave. and Geary St.		83.60	
		Vermont—18th and 19th Sts.		792.40	
		Whitney and Randall		154.96	
		York, 18th, 19th and Hampshire		643.70	
		Retaining Walls Buena Vista Park		1,559.92	
		Retaining Walls Harrison St. Schools		251.50	49,685.09
		Total $41,265.74			
		Esplanade Ocean Beach Sec. "B" Code "S"			
		Salaries	34,754.35		
A-2	74	Assistant Engineer		25.00	
		Chemist		25.00	
		Draftsman		25.00	
		Granite Cutters		52.20	
		Inspectors		600.00	

HIGHWAYS—Continued

Code No.	Budget No.		1915-16		1916-17
		Esplanade Ocean Beach Sec. "B" Code "S"—Continued			
		Field Assistants		505.00	1,232.20
		General Construction 1915-16 Account		15,231.15	
S–3		General Construction		23,135.72	38,366.87
		Total $39,599.07			
		Bureau of Engineering			
		Salaries	150,526.00		
A–1	390	City Engineer (partial)			
		for balance see Hetch Hetchy		9,999.60	
	391	Chief Assistant		3,600.00	
	392–397	Civil Engineers (12)		23,340.00	
	403	Cartographer		1,800.00	
	410–411	Chemists (2)		3,600.00	
	398–402	Draftsmen (11)		18,480.00	
	406–409	Field Assistants (29)		38,100.00	
	414	Inspector		1,800.00	
	412–413	Photographers (2)		3,298.40	
	415–416	Stenographers (3)		4,320.00	
	404–405	Surveyors (8)		14,700.00	123,038.00
		Expense	4,369.75		
B–12	428	Auto Hire		371.30	
D–6		Auto Repairs and Supplies		668.74	
B–2		Binding		128.88	
D–1		Drafting Supplies		1,041.17	

T–6		Electric Supplies		6.58	
C–5		Glass		20.00	
H–7		Garage Rentals		100.00	
C–4		Hardware		164.05	
		Incidentals		18.00	
D–1		Laboratory Supplies		244.09	
C–1		Lumber		206.09	
A–3		Labor		60.00	
B–6	30	Stationery and Printing		834.20	
B–8	428	Repairs to Instruments		276.45	
B–6		Tracing Cloth and Paper		607.61	
B–13		Transportation to Sacramento		21.75	4,768.91
		Outlay	625.70		
T–1	428	Calculating Machine		175.00	
		Furniture		455.90	
T–2		Instruments		34.76	
T–7	433	Runabouts for Engineers		1,875.00	
S–3		Rincon Hill Survey		450.00	
T–1	428	Typewriter		30.00	3,020.66
		Photostat Department			
		Salaries	$ 5,007.18		
A–1	429	Photostat Operator		738.40	
		Photographer		256.20	
		Inspector		150.00	1,144.60
		Expense—			
D–7	429	Chemicals		103.08	

Code No.	Budget No.		1915-16		1916-17
		Photostat Department—Continued			
E–4		Gas & Electric Current		64.02	
B–2		Freight		68.29	
C–4		Hardware		9.53	
D–9		Lamps		37.10	
D–1	38	Photo Paper		627.31	
D–9		Machine Parts		121.86	
D–1		Photo Material		938.64	1,969.83
		Outlay—			
T–4	432	Purchase of Blueprint Machine		926.25	926.25
		Total $134,868.25			
		Excavation Fund			
		Payable out of Moneys received from Public Utilities Corporations.			
		Salaries	9,828.75		
A–2	432	Inspectors		5,885.00	
		Clerk		1,200.00	
L–13		Refund of money deposited (See refunds)			
B–11		Carfare		23.30	
B–12		Livery		80.00	7,188.30
		Total $7,188.30			
		Street Improvement Fund	22,779.08		
S–3		Street work performed; paid by property owners on installment on bonds issued by Public Works		43,853.16	43,853.16

	Special Inspection Fund	18,993.50		
	Fees paid by Contractors for Inspection, etc.			
A–2	Civil Engineer		9,196.15	
	Draftsmen		3,848.65	
	Photographer		387.40	
	Chemist		300.00	
	Inspectors		38,846.45	
	Surveyor		2,475.00	
	Field Assistants		11,399.00	
	Stenographer		1,320.00	
	Inspector of Complaints		1,500.00	69,273.55
	Good Road Fund	82,370.10		
	Code "S"			
"S"	Improvement Roads—Money received from State of California			
	Expense—			
S–3	Construction Corbett Road		24,527.61	
	Construction Army and Andover streets		956.57	
	Twin Peaks Boulevard		10,295.59	
	Paving Railroad Avenue		6,000.00	
B–11	Carfare B. D. Rickey		16.35	
S–3	Grading Hollister to San Bruno Road		2,144.10	
A–2	Services of J. P. Rice		2,250.00	
K–9	Expense of J. P. Rice		291.15	
H–2	Services of J. L. McCormick		2,400.00	
K–9	Expense of J. L. McCormick		9.50	

HIGHWAYS—Continued

Code No.	Budget No.		1915-16		1916-17
		Good Road Fund—Continued			
S–3		Paving Evans Lake and Hewes		700.00	
		Construction San Bruno and Courtland Ave.		7,707.38	
		Potrero Avenue		35,546.94	
		San Bruno Ave. and Bay Shore		9,985.91	
		Opening 10th St. to Potrero Ave.		2,000.00	
		Clarendon and Burnett Aves.		3,754.23	
R–1		Purchase of Land		6,626.66	
S–3		Beach Esplanade		2,597.55	
T–2		Blue Prints Hunters' Point		330.88	
H–4		Policy Insurance		184.40	
T–2		Plans, etc.		45.24	118,370.06
		Salaries—			
A–2		Engineers		1,862.10	
		Field Assistant		1,185.80	
		Draftsmen		2,318.50	
		Inspector		2,154.25	
		Surveyor		96.80	
		Labor		42.00	7,659.45
		Total Good Roads $126,029.51			
		Street Assessment Fund			
		Payment made from Property Assessments			
S–3		Repairs to Orizaba Street	83.00	78.50	78.50

H–9		Redemption of Delinquent Assessments, Orizaba St.	375.52	54.70	54.70
S–3		Circular Avenue, Widening		210.00	210.00
		Bridges—Maintenance			
		Salaries	86,021.30		
D–4	363	Engineers—4 @ $1560 each		6,168.70	
A–1	364	Watchmen and Bridgetenders—5 @ $1000 each		5,379.95	11,548.65
A–1	59	Engineer and Watchman, 4th Street bridge		660.00	660.00
S–2	59	Alterations Sixth St. bridge		1,610.00	1,610.00
		Construction Evans Avenue bridge		1,974.00	1,974.00
		Alterations Third St. bridge 1915-16 Acct.			
A–2		Assistant Engineer		44.75	
		Draftsman		74.70	119.45
S–2		Construction		4,192.30	4,192.30
		Construction Fourth St. bridge—1915 Acct.		51,068.33	51,068.33
		Total $71,172.73			
	48	Street Lighting	439,666.85		
E–3		Electricity		258,742.85	
E–2		Gas		200,264.59	
S–3		Repairs and removing electroliers		69.20	
		Service		159.31	459,354.42
		Tunnel Construction			
		Paid from Assessments on property benefitted	$ 17,915.40		
		Stockton St. Tunnel			
S–3		Installing Electric Lamps		50.00	
		Granite Curbs		249.75	299.75

HIGHWAYS—Continued

Code No.	Budget No.		1915-16		1916-17
		Stockton Street Tunnel—Continued			
		Construction (Sundry Accts.)		8,448.27	
		Redemption of Assessments levied		37,237.60	45,685.87
		Interest Account		8,725.40	8,725.40
		Total $54,711.02			
		Twin Peaks Tunnel Assessment			
		Paid from Assessment on Property benefitted	914,644.16		
		Code "S"			
		Expense—			
T–2		Engineers Supplies		286.37	
B–9		Incidentals		254.00	
D–6		Auto Supplies		271.28	
B–3		Postage		205.00	
A–1		Tax Collector's Accountant and Assistants		4,300.00	
R–1		Purchase of Property		250.00	
A–25		Attorney Fees		100.00	
L–13		Tax Refund		780.00	
R–3		Extension of Lease		310.00	
H–7		Rent of Land		180.00	
S–3		Construction		565,571.67	572,508.32
		Salaries (Code "S-3")			
A–2		Bookkeeper		350.00	
		Civil Engineer		10,975.50	
		Draftsmen		1,896.00	

		Chemist		300.00	
		Inspectors		18,268.55	
		Field Assistant		900.00	
		Photographer		95.95	32,786.00
		Total Twin Peaks Tunnel Assmt $605,294.32			
		Twin Peaks Tunnel Interest Account			
C–25		Interest		45,232.95	
		Total Highways $2,495,310.88			

CHARITIES AND CORRECTION

San Francisco Hospital

		Salaries	$ 125,820.25		
A–1	482	Superintendent		3,600.00	
	483	Resident Physician		1,780.00	
	484	Internes @ $120 per month (21)		2,425.85	
	485	House Physicians—5 @ $300 each		1,425.00	
	486	Commissary		1,800.00	
	507	Clerk		236.65	
	487	Secretary and Clerk		1,800.00	
	488	Stenographer		900.00	
	489	Ambulance Driver		1,200.00	
	490–491	Watchmen, 1 @ $900; 1 @ $780		1,645.30	
	497	Nurse in charge		720.00	
	492	Superintendent of Nurses		1,200.00	
	493	Superintendent of Nurses, Asst.		1,080.00	
	494–495	Operating Nurse and Attendant		1,992.00	

CHARITIES AND CORRECTIONS—Continued

Code No.	Budget No.		1915-16	1916-17
		San Francisco Hospital—Continued		
	496	Dietician	900.00	
	503–505	Druggist and Assistants	2,345.00	
	506	Telephone Operators (2)	1,800.00	
	498	Graduate Nurses—4 @ $720 each	2,880.00	
	517	Butcher	1,200.00	
	499	Night Nurse	840.00	
	509–510	X-Ray Operator and Assistant	1,605.00	
	500	Post Graduate Nurse—2 @ $480 each	831.70	
	511–512	Storekeepers—1 @ $960; 1 @ $480	1,260.00	
A–2	501	Pupil Nurses	13,152.75	
A–1	513	Surgical Dresser	1,200.00	
	502	Orderlies—6 @ $300 each	1,554.65	
	514	Teamster	960.00	
	515	Elevator Operators—3 @ $720 each	2,148.00	
	529	Anesthetist	900.00	
	516	Chief Cook	1,200.00	
	519–520	Cooks Assistants—1 @ $1200; 1 @ $1080	2,640.00	
	521	Waiters	5,916.00	
A–2	527	Institutional help as required, $300 per annum	31,803.95	96,941.85
		Housekeeping		
	530	Steward	1,200.00	
	526	Housekeeper	480.00	
	524–525	Seamstress $600; Helper $300	900.00	

	531	Chambermaids—7 @ $300 each		1,925.00	
	532	Cook		420.00	
	533	Lockerman		480.00	
	534	Utilitymen—6 @ $240 each		1,440.00	
	535	Gardener		900.00	
	536	Yardmen—4 @ $300 each		1,200.00	8,945.00
		Laundry Department			
	537	Head Laundryman		1,200.00	
	538	Laundrymen—2 @ $480 each		860.00	
	539	Linemen—2 @ $300 each		676.85	
		Ironers		3,709.05	6,445.90
		Engineering Department			
	540	Chief Engineer		2,100.00	
	541	Assistants—3 @ $1500 each		4,500.55	
	542	Firemen—3 @ $1200 each		3,600.00	
	543	Electrician		1,500.00	
A–2	544	Plumber		1,700.00	
	545	Relief Engineer and Fireman		1,002.00	14,402.55
A–3	547–557	Emergency Help		13,253.10	13,253.10
		Total $139,988.40			
		Maintenance	150,580.04		
B–8 D–6	558	Auto Supplies and Repairs		905.17	
D–3		Bread		4,622.22	
C–4		Boiler and Machinery Supplies		793.89	
D–8		Cleaning and Janitorial Supplies		4,391.86	

CHARITIES AND CORRECTIONS—Continued

Code No.	Budget No.		1915-16	1916-17
		Engineering Department—Continued		
D–7		Drugs and Chemicals		17,051.71
D–4		Dry Goods and Clothing		8,718.85
T–6		Electrical Supplies		960.68
B–8		Elevator Repairs		435.17
D–3		Fruits and Vegetables		9,828.12
D–2		Fuel and Fuel Oil		18,111.24
H–7		Gas Regulators		82.50
E–4		Gas, Heating, etc.		1,527.28
D–3		Groceries and Provisions		46,758.15
T–1		Hardware and Kitchen Supplies		5,204.59
		Incidentals		562.37
D–3		Liquors		582.06
D–7		Laboratory Supplies		94.54
T–1		Lamps		1,062.57
C–1		Lumber		1,107.58
D–3		Meat and Products		29,734.56
		Milk and Cream		14,336.62
C–2		Paints and Oils		1,208.15
C–6		Plants and Seeds		247.05
B–31	30	Postage		125.50
B–6	558	Paper		597.02
D–9		Photo and Optical Goods		1,065.06
C–4		Plumbing Supplies		615.60
B–32		Phone Service		29.93

B–2		Removal of Garbage		665.00	
D–9		Rubber Goods		884.88	
B–6	31	Stationery and Printing		2,227.35	
B–8	558	Laundry Repairs		652.68	
		Teaming		16.00	175,205.95
		Outlay—			
T–4		Fire Extinguisher		80.00	
T–5		Food Carriers		300.50	
T–1		Furniture		2,186.11	
T–2		Typewriter		82.03	
T–2		Surgical Instruments, etc.		4,462.86	
T–2		X-Ray Material		651.48	
T–5		Reconstructing Auto Truck		526.75	
T–		Sundry Equipment from 1915-16 Account		9,350.04	17,639.77
		Total Hospital $332,834.12			
		Relief Home for Aged and Infirm			
		Salaries	229,243.32		
A–1	611	Superintendent		3,600.00	
	612	Clerk		1,619.95	
	613	Stenographer		1,080.00	
	614	Physicians—2 @ $1620 each		3,240.00	
	615	Head Nurse		900.00	
	616–618	Nurses (6)		4,470.00	
	619–624	Stewards (6)		5,176.00	
	625	Head Matron		1,110.00	
	626	Asst. Matron—2 @ $780 each		1,380.35	

CHARITIES AND CORRECTIONS—Continued

Code No.	Budget No.		1915-16	1916-17
		Relief Home for Aged and Infirm—Continued		
	627	Ambulance Driver	960.00	
	628	Storekeeper	1,164.50	
	629	Plumber	1,800.00	
	630	Foreman	960.00	
	631	Watchman	780.10	
	632	Motor Driver	960.00	
	633–634	Engineers—1 @ $1680; 1 @ $1380	3,060.00	
	635	Butcher	1,200.00	
	636	Gardener	1,080.00	
	637	Farmers (2)	1,869.40	
	638	Cooks(number required)	6,906.10	
	642–647	Orderlies (4)	1,380.00	
	639–640	Laundry Employees	1,727.80	
	641	Pantryman	720.00	
	642	Seamstresses—2 @ $600 each	1,200.00	
A–2	646	Emergency Help	17,722.10	
A–1	644–645	Milkers	1,180.00	67,246.30
		Maintenance		
D–6 B–8	648	Auto Supplies and Repairs	1,264.74	
B–8		Boiler Repairs	90.00	
D–8		Cleaning Supplies	1,503.04	
C–5		Cement	143.23	
D–7		Drugs and Material	3,101.65	

D–4		Dry Goods and Clothing	8,370.89
B–8		Elevator Repairs	19.54
T–6		Electrical Material	248.51
D–2		Fuel and Fuel Oil	12,645.69
D–5		Forage	7,358.15
E–4		Gas and Electric Power	176.58
D–6		Gasoline	1,211.84
D–3		Groceries and Provisions	96,451.19
D–5		Horseshoeing and Clipping	332.25
C–4		Hardware	1,517.77
B–9		Incidentals	296.41
T–1		Kitchen Supplies	610.72
D–3		Liquors	5,808.13
C–1		Lumber	983.34
C–9		Laundry Material	760.07
D–9		Lamps	289.21
C–4		Machinery Supplies	937.73
D–5		Pasturage	222.10
C–2		Paints and Oils	913.51
C–6		Plants and Seeds	125.40
B–31	30	Postage	87.00
B–8	648	Plumbing Material	1,061.80
D–9		Rubber Goods	333.73
H–4		Rent of Gas Regulator	120.00
B–6	30	Stationery and Printing	433.02
B–8	648	Sundry Repairs	324.42
D–4		Shoes and Leather	2,336.20

CHARITIES AND CORRECTIONS—Continued

Code No.	Budget No.		1915-16	1916-17
		Relief Home for Aged and Infirm—Maintenance—Continued		
D–3		Tobacco	2,287.50	
D–5		Veterinary Service	5.00	
E–5		Water	7,538.06	159,908.42
T–1	648	Fire Extinguisher	52.11	
		Flags	11.31	
		Equipment from 1915-16 Acct.	6,670.88	
		Furniture	1,780.27	
		Smokestack	117.31	
T–6		Steam-chest	357.87	
		Dishwashing Machine	692.83	
	76	Boiler	1,033.34	
	652	Construction and altering power plant, 1915-16 acct.	12,623.86	23,339.78
		Total $258,994.50		
		Relief of Unemployed	8,500.00	8,500.00
		Emergency Hospitals		
		Salaries $	89,512.38	
A–1	600	Chief Surgeon	2,400.00	
	601	Chief Steward	1,995.00	
	602	Clerk-Stenographer	1,200.00	
	603	Asst. Surgeons—12 @ $1320 each	16,008.65	
	604	Asst. Stewards—21 @ $1200 each	25,448.75	
	605	Nurses—6 @ $1080 each	6,511.50	
	606	Matrons—3 @ $960 each	2,895.35	

	608	Seamstress		791.65	
	609	Drivers of Ambulances @ $1200 each		17,998.95	75,249.85
		Maintenance			
B–12	610	Auto Hire		960.00	
B–8 D–6		Auto Repairs and Supplies		1,515.48	
B–8		Ambulance Repairs		1,685.33	
D–8		Cleaning Supplies		411.76	
D–7		Drugs and Medical Supplies		1,767.44	
D–4		Dry Goods and Clothing		1,219.58	
E–4		Gas for heating, etc.		679.08	
D–3		Groceries and Provisions		2,559.21	
C–4		Hardware and Electrical Material		225.26	
D–3		Ice		167.27	
D–9		Incidentals		97.38	
		Laundry Supplies		394.00	
B–31	30	Postage		29.00	
B–2	610	Removal of Garbage		100.00	
D–9		Rubber Goods		68.71	
B–6	30	Stationery and Printing		664.40	
B–8	610	Sundry Repairs		39.55	12,583.45
		Outlays—			
T–1	610	Furniture		326.46	
T–2		Lamps		89.43	
T–2		Surgical Supplies		644.84	1,060.73
		Total Emergency Hospital $88,894.03			
		Relief Health Employees' Vacations	$ 3,177.25	7,328.70	7,328.70

CHARITIES AND CORRECTIONS—Continued

Code No.	Budget No.		1915-16		1916-17	
		Juvenile Detention Home				
		Salaries	9,206.58			
A–1	210	Superintendent		1,500.00		
	211	Asst. Superintendent		1,020.00		
	212	Night Assistant		1,017.26		
	213–214	Matrons—1 @ $1200; 1 @ $600		1,786.90		
	216	Clinic Nurse		712.00		
A–3	218	Dental Service		160.00		
A–1	215	Nurses—3 @ $600 each		1,750.00		
	217	Cook		562.50		
A–3	218	Extra Help		826.91		
		Laundress		155.00		9,490.57
		Maintenance	12,160.02			
D–7	218	Dental Supplies		79.43		
	218	Drugs and Chemicals		351.84		
D–4		Dry Goods and Clothing		265.28		
B–2		Cartage		80.00		
E–2		Fuel		557.65		
		Gas Heating, etc.		208.68		
D–3		Groceries and Provisions		4,893.34		
C–4		Hardware and Kitchen Supplies		680.42		
D–3		Ice		67.08		
D–9		Incidentals		127.20		
D–8		Laundry Supplies		501.60		
D–9		Lamps		98.67		

C–1		Lumber and Millwork		55.16	
C–2		Paints and Oils		16.20	
H–4		Premium on Bonds of Probation Officers		119.80	
B–31	30	Postage		221.00	
B–2	218	Removal of Garbage		50.00	
D–9		Rubber Goods		11.38	
B–6	30	Stationery		497.42	
T–1	218	Outlay, Furniture		304.96	9,187.11

Construction Juvenile Home—1915-16 Acct. (Code "S-3")

		Salaries	$ 109,649.00		
A–25		Architects' Service		1,950.61	
A–2		Carpenters		65.00	
		Inspectors		864.70	
		Painters		30.00	
		Plumbers		108.00	
		Teamsters		13.25	3,031.56
		Expense Outlay—			
B 32		Dictograph System		104.48	
T–6		Electric Work		1,308.00	
T–1		Furniture and Equipment		9.071.02	
D–2		Fuel Oil		27.65	
T–4		Filing System		202.25	
S–3		General Construction		35,643.24	
T–6		Heating and Ventilation		2,348.00	
T–4		Hardware		652.00	
		Iron Grating		2,706.74	

CHARITIES AND CORRECTIONS—Continued

Code No.	Budget No.		1915-16		1916-17
		Construction Juvenile Home, Etc.—Continued			
T–7		Telephones		499.00	
T–6		Laundry Equipment		1,695.50	
S–3		Plumbing		6,428.02	
T–5		Surgical Instruments and Equipment		280.00	
T–6		Lighting Fixtures		1,350.00	62,315.90
		Total $86,904.63			
		Juvenile Court			
		Salaries	32,968.35		
A–1	217	Chief Probation Officer		2,700.00	
	220	Chief Assistant		4,200.00	
	221	Assistants—8 @ $1500 each		12,000.00	
	222	Assistants—1 @ $1200; 1 @ $1080		2,280.00	
	224	Clerk-Stenographer		1,500.00	
	234	Office Assistant		600.00	
	226–228	Stenographers—1 @ $1200; 1 @ $1080; 1 @ $780		3,060.00	
A–1	229	Collector		1,500.00	
	230	Filing Clerk		600.00	
	232	Deputies—2 @ $1080 each		2,160.00	
	233	Deputies—2 @ $900 each		1,800.00	
A–25	235	Legal Adviser		1,200.00	
	231	Bookkeeper		1,080.00	
B–9		Contingent Expense through Court Orders		2,879.49	37,559.49

		Widows' Pension Bureau			
		Salaries	5,508.69		
A–1	237	Director		1,800.00	
	238	Asst. Director		1,200.00	
	239	Social Service Nurse		1,200.00	
	240	Stenographer Bookkeeper		1,080.00	
A–2	241	Special Clerks		420.00	5,700.00
		Expense	342.17		
B–11	241	Carfare		79.88	
B–31	30	Postage		39.50	
B–6		Stationery		170.81	
T–1	33	Furniture		122.10	412.29
		Total $6,112.29			
H–3	452	Burial of Indigent	2,992.50		
		Expense of Burials		4,843.50	4,843.50
	27	Interment of Ex-Union Soldiers and Sailors	4,550.00		
		Expense Burials		5,025.00	5,025.00
		Maintenance of Minors			
		Non-Sectarian Institutions	168,004.34		
B–43	42	Albertinum Orphanage		8,771.42	
		Boys and Girls Aid Society		6,097.92	
		Boys and Girls Industrial Home and Farm		3,286.94	
		California Girls Training Home		732.25	
		Catholic Humane Bureau		51,836.46	
		Children's Agency		52,805.29	
		Eureka Benevolent Society		12,525.46	

CHARITIES AND CORRECTIONS—Continued

Code No.	Budget No.		1915-16		1916-17
		Maintenance of Minors—Continued			
		Florence Crittenton Home		194.12	
		Santa Cruz Female Orphan Asylum		1,305.98	
		The Infant Shelter		253.75	
		Maria Kip Orphanage		379.50	
		McKinley Orphanage		572.00	
		Pajaro Valley Orphanage		267.05	
B–43	42	Presbyterian Orphanage		518.36	
		Roman Catholic Orphan Asylum		14,635.93	
		S. F. Ladies Protection and Relief Society		1,183.59	
		S. F. Nursery for Homeless Children		652.50	
		St. Francis' Girls Directory		865.41	
		St. Mary's Orphanage		2,607.70	
		St. Vincent's Asylum		12,424.69	171,916.32
		Delinquencies	10,962.81		
B–43	44	Magdalen Asylum		6,315.30	
	45	State School for Girls—Ventura		1,945.30	
	45	State School for Boys—Whittier		542.61	
	45	State School for Boys—Preston		6,999.48	15,802.69
		Feeble-minded	31,910.00		
	46	Maintenance of Children of Glen Ellen		30,570.00	30,570.00
		Total Maintenance $218,289.01			
		Widows' Aid—Orphans and Half Orphans	110,993.20		
		Catholic Humane Bureau		57,788.46	

		Children's Agency		51,400.71	
		Eureka Benevolent Society		8,030.76	117,219.93
		Total Maintenance $335,508.94			
		RECREATION			
		Playgrounds			
		Salaries	44,224.51		
A–1	305	Consulting Superintendent, part salary (See Educational)		1,000.08	
		Secretary		2,100.00	
		Supt. of Boys' Athletics		1,257.50	
		Assistant Secretary		1,500.00	
		Directors South Side		2,400.00	
		Gardener		1,080.00	
		Caretaker		1,080.00	
		Directors North Beach		2,330.00	
		Gardener		1,200.00	
		Caretaker		40.00	
		Swimming Instructor and Assistant		1,219.15	
		Directors—Jackson		2,290.00	
		Gardener		1,080.00	
		Caretaker		960.00	
		Director—Excelsior		2,075.00	
A–1	305	Gardener		1,080.00	
		Directors—Hamilton		2,400.00	
		Gardener		2,196.00	
		Director—Holly Park		950.00	

RECREATION—Continued

Code No.	Budget No.		1915-16	1916-17
		Playgrounds—Continued		
		Director—Presidio	1,175.00	
		Director—Spring Valley	475.00	
		Director—Yerba Buena	525.00	
		Director—Bay View	607.50	
		Director—Substitute	2,182.50	
		General Foreman	1,200.00	
		Swimming Instructor—Mission	1,450.00	
		Director—Mission	685.00	
		Musician	342.50	
A–2		Emergency Substitute	1,240.15	
		Labor	8,274.50	
		Painters	2,060.00	
		Carpenter	1,760.50	
		Engineer	18.00	
		Director—Richmond	122.50	
		Directors of School Yards	2,798.30	53,154.18
		Expense—		
B–8	306	Auto Repairs	1,889.58	
A–25		Appraisers	375.00	
B–7		Advertising	14.44	
B–2		Cartage	71.50	
C–5		Cement and Lime	155.50	
D–7		Drugs and Disinfectants	509.88	

D–4		Dry Goods	229.88		
E–3		Electric Power	153.76		
S–3		Grading	129.50		
E–1		Gas and Electricity	237.07		
C–5		Glass	84.55		
C–4		Hardware	1,746.35		
T–5		Hose	9,500.00		
C–9		Incidentals and Carfare	130.61		
D–8		Laundry	896.45		
D–5		Loam	226.50		
C–1		Lumber	1,464.18		
D–9		Lamps	7.66		
C–2		Paints and Oils	1,087.02		
B–31	30	Postage	45.50		
B–6	30	Printing and Stationery	179.95		
C–6	306	Plants and Seeds	37.12		
B–2		Removing Garbage	134.00		
H–7		Rent of Piano	72.00		
H–7		Rent of Steam Roller	111.60		
H–7		Rent of Lot	90.00		
T–5		Rubber Goods	12.50		
C–5		Sand and Gravel	1,928.94		
B–8		Sundry Repairs	344.58		
C–12		Teaming and Hauling	3,096.35		
B–32		Telephone Service	7.35		
C–8		Tan Bark	184.56		
E–6		Water	3,499.60	19,248.48	

RECREATION—Continued

Code No.	Budget No.		1915-16		1916-17
		Playgrounds—Continued			
		Outlay—			
S–3	306	Construction Work, General		8,618.42	
T–1		Furniture		306.58	
		Athletic Apparatus, etc.		5,876.90	
T–7		Automobile		1,196.80	
S–2		Wire Fences		2,793.24	
S–3		Construction of Pavements		2,120.29	
S–1		Construction of Bath House		1,666.00	22,578.23
		Park Commission			
		Salaries	304,714.00		
A–1	757	Superintendent		6,000.00	
		Secretary		2,100.00	
		Accountant		1,800.00	
		Stenographer		1,055.00	
		Clerk		1,220.00	
		Chauffeur		1,500.00	
		Keepers		2,496.00	
		Surveyors		2,625.65	
		Foremen		43,254.15	
		Engineers and Firemen		4,991.00	
		Curator and Assistant		3,715.12	
		Museum Employees		9,080.00	
		Children's Quarters		9,134.55	

		Gardeners		16,720.70	
		Gardeners Apprentices		1,286.00	
		Carpenters		2,444.25	
		Painters		3,228.25	
		Teamsters		20,229.25	
		Motor Truck Drivers		2,322.75	
		Stablemen		2,859.00	
		Cement Workers		2,236.75	
		Lavatory Employees		3,985.00	
		Wind Mill Employees		2,498.00	
		Laborers		124,048.65	
		Blacksmiths		2,533.00	
		Steam Fitters		972.25	
		Quarrymen		808.55	
		Veterinary Services		208.70	
		Manager Beach Chalet		925.00	
		Livestock men		3,685.75	279,963.32
		Expense	108,152.93		
A–1	757	Advertising		10.93	
		Ammunition		125.68	
D–6/B–8	757	Auto Repairs and Supplies		1,396.34	
B–6	757	Blue Prints		10.48	
D–9	757	Boiler Compound		160.43	
C–5	757	Cement and Lime		1,974.44	
D–3	757	Confectionery and Soda		3,802.08	
B–9	757	Concerts, Music		12,710.45	
T–1	757	Crockery and Glassware		42.20	

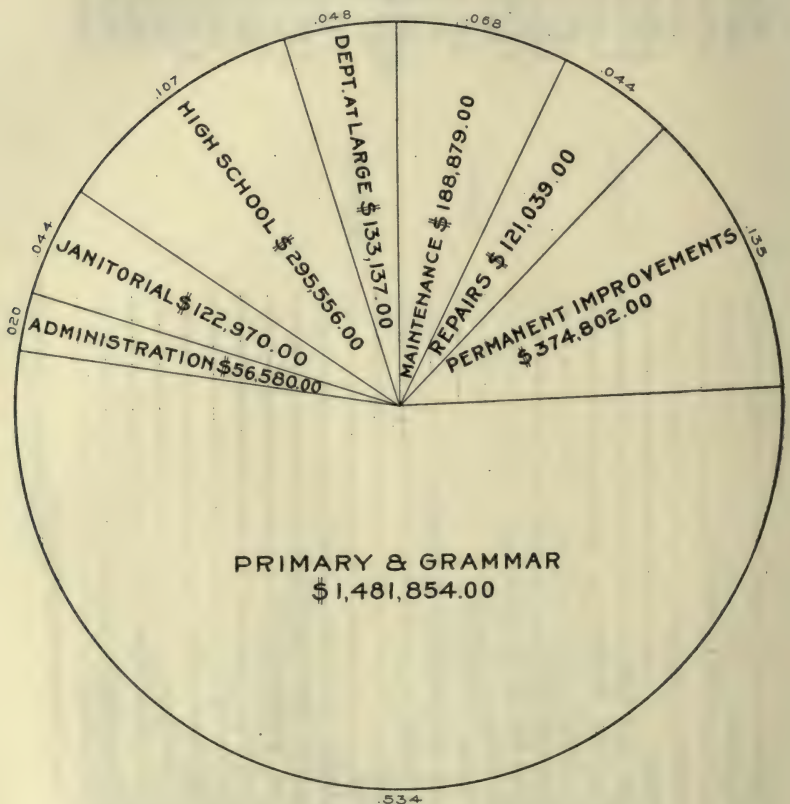
RECREATION—Continued

Code No.	Budget No.				
		Park Commission—Continued			
D–7	757	Drugs		562.05	
D–9	757	Electric Supplies		531.18	
D–5	757	Forage		14,155.73	
D–2	757	Fuel		4,998.99	
D–6	757	Gasoline and Kerosene		1,186.49	
E–1	757	Gas and Electricity		6,683.12	
D–3	757	Groceries and Provisions		11,846.89	
T–5	757	Hardware		2,719.09	
D–5	757	Harness		746.63	
C–4	757	Horseshoes		624.51	
R–1	308	Purchase of Land		25,000.00	25,000.00
		Total Playgrounds $119,980.89			
		Celebrations	3,000.00		
H–1	34	Observance of Fourth of July		2,500.00	
H–1	35	Observance of Memorial Day		500.00	3,000.00
		Observance of Path of Gold		1,951.00	1,951.00
		Observance of Flag Pole Committee		75.00	75.00
H–1	316	Municipal Band	10,000.00		
		Concerts		9,993.75	9,993.75
		Total $12,993.75			
		Park Commission			
		Expense—			
T–5	757	Hose		1,312.92	

B–2	757	Hauling		583.00	
D–3	757	Ice Cream		8,326.72	
D–9	757	Incidentals		6,770.18	
D–8	757	Laundry		561.99	
C–1	757	Lumber		4,200.40	
D–5	757	Loam and Clay		4,779.24	
B–8	757	Machinery Repairs		1,400.75	
C–2	757	Oil (Crude)		695.29	
C–2	757	Paints and Oils		2,335.52	
C–6	757	Plants and Seeds		3,079.93	
C–4	757	Plumbing		938.13	
B–6	757	Printing		1,022.18	
S–3	757	Rock and Gravel		905.72	
B–6	30	Stationery		477.19	
E–6	757	Water		25,823.00	127,499.87
		Outlay	14,546.23		
T–8	757	Animals		86.00	
S–3	757	Concrete Work and Tiling		1,737.25	
T–5	757	Farm Implements		1,877.10	
T–1	757	Furniture		929.81	
T–5	757	Iron Fencing		486.85	
T–6	757	Metal Construction		4,772.41	
T–1	757	Oil Paintings		376.50	
S–3	757	Sewer Construction		1,166.91	
T–2	757	Sporting Goods		489.88	
T–5	757	Wire Fencing		897.92	12,820.63

Total Recreation $420,283.82

EXPENDITURES OF THE SCHOOL DEPARTMENT OF THE CITY & COUNTY OF SAN FRANCISCO
1916-1917.



$2,774,817.00

FIGURES OUTSIDE OF CIRCLE REPRESENT PERCENTAGE

Code No.	Budget No.		1915-16		1916-17
		Salaries	47,916.96		
A–1	751	Chauffeur		1,500.00	
A–1	751	Clerk		1,020.00	
A–1	751	Clerk-Stenographer		1,247.50	
A–1	751	Expert Accountant		1,800.00	
A–1	751	Financial Secretary		2,280.00	
A–1	751	Messengers		2,400.00	
A–1	751	Recording Secretary		1,200.00	
A–1	751	Secretary		1,800.00	
A–1	751	School Directors		11,976.00	
A–1	751	Stenographers		2,600.00	
A–1	751	Stenographer (Assistant)		627.50	
A–1	751	Superintendent		3,999.96	
A–1	751	Deputy Superintendents		14,964.00	
A–1	751	Telephone Operator		1,080.00	48,494.96
A–1	751	Engineers	116,741.60	4,500.00	
A–1	751	Janitors		118,469.66	122,969.66
A–2	751	Mechanics and Labor	27,571.75	14,908.50	
A–2	751	Scavenger		4,320.00	
A–1	751	Storekeeper and Assistant		2,880.00	
A–1	751	Superintendent of Buildings		2,100.00	
A–1	751	Supply Dept. Bookkeeper		1,605.00	
A–1	751	Water and Gas Inspector		1,500.00	27,313.50

EDUCATION—Continued

Code No.	Budget No.		1915-16	1916-17
		Compensation of Teachers in Primary and Grammar Day Schools		
		Salaries	1,250,256.40	
A–2	751	Adams		21,868.15
		Agassiz		23,261.95
		Andrew Jackson		3,183.70
		Balboa		1,848.60
		Bay View		21,465.95
		Bernal		23,585.30
		Bryant Cosmopolitan		22,779.30
		Buena Vista		8,186.40
		Burnett		14,841.55
		Cleveland		16,919.15
		Columbia Cosmopolitan		26,002.85
		Columbus		9,481.95
		Sarah B. Cooper		20,730.00
		Crocker Intermediate		22,938.35
		Commodore Sloat		1,322.50
		Daniel Webster		11,058.55
		Denman		16,095.00
		Detention Home		1,289.70
		Douglass		13,752.45
		Dudley Stone		14,937.30
		Edison		19,720.05
		Emerson		18,237.95
		Ethan Allen		5,852.70

Everett	24,857.40
Fairmount	30,271.05
Farragut	13,162.70
Franklin	21,301.00
Francis Scott Key	10,082.65
Frank McCoppin	24,651.25
Fremont	19,546.30
Garfield	24,468.80
George Peabody	14,342.35
Glen Park	22,164.90
Golden Gate	19,121.70
Grant	14,584.20
Grattan	24,846.50
Haight	16,990.05
Hamilton Intermediate	22,106.40
Hancock	21,255.95
Harrison	4,675.70
Hawthorne	10,209.50
Hearst	20,521.00
Henry Durant	16,122.25
Horace Mann Intermediate	29,935.05
Hunters Point	1,230.80
Irving M. Scott	14,230.45
James Lick	20,536.00
Jean Parker	22,704.00
Jefferson	10,669.10
John Swett	22,720.10

EDUCATION—Continued

Code No.	Budget No.		1915-16	1916-17
		Compensation of Teachers, Etc.—Continued		
		Junipero Serra		22,357.45
		Kate Kennedy		19,407.15
		Kindergarten		2,283.70
		Lafayette		9,571.05
A–1	751	Laguna Honda		23,206.55
		Le Conte		3,114.05
		Lincoln		15,748.55
		Longfellow		12,315.65
		Madison		19,685.25
		Mission Grammar		20,251.20
		Marshall		20,320.85
		McKinley		24,609.20
		Michelangelo		8,542.40
		Monroe		33,023.75
		Moulder		6,285.85
		Noe Valley		21,573.60
		Oriental		17,054.15
		Pacific Heights		19,524.75
		Patrick Henry		12,820.80
		Parkside		3,165.75
		Paul Revere		3,778.10
		Portola		22,272.40
		Redding		15,247.90
		Rincon		1,497.00

		Rochambeau		22,213.10	
		Roosevelt		20,122.75	
		Sheridan		19,993.40	
		Sherman		15,652.90	
		Spring Valley		21,792.80	
		Starr King		10,732.10	
		Sunnyside		7,066.10	
		Sutro		22,972.55	
		Visitacion		11,351.50	
		Ungraded Primary		2,491.20	
		Washington		24,545.75	
		Washington Irving		14,404.35	
		Winfield Scott		8,990.90	
		Yerba Buena		14,826.60	1,411,389.65
		Primary and Grammar Evening Schools			
		Salaries	43,979.80		
A–2	751	Bernal		648.00	
		Hamilton		5,419.75	
		Horace Mann		6,969.20	
		Jean Parker Evening School of Economics		1,188.00	
		Lincoln		5,084.35	
		Monroe		646.15	
		North Beach Evening High		758.60	
		Navigation		765.85	
		Portola		386.85	
		Roosevelt		648.00	

EDUCATION—Continued

Code No.	Budget No.		1915-16		1916-17
		Primary and Grammar Evening Schools—Continued			
		Sherman		644.30	
		Sheridan		419.15	
		Washington		6,106.25	29,684.45
		High Schools			
		Salaries	272,768.15		
A–2	751	Girls		45,139.55	
		Humboldt Evening High		30,067.60	
		Lowell		70,803.05	
		Polytechnic		77,839.75	
		High School of Commerce (Evening)		17,603.90	
		High School of Commerce		51,117.10	
		Music in High Schools		2,984.65	
		Mission High		40,779.75	336,335.35
		Departments at Large			
		Salaries	53,240.55		
A–2	751	Supervisor of Primary Grades		2,028.00	
		Home Economics		14,593.60	
		Manual Training		17,076.60	
		Music		2,928.00	
		Defective Speech Correction		1,621.00	
		Drawing		5,036.25	
		Physical Culture		98.30	
		Dept. Athletics		7,614.70	

		Dept. of Physical Education and S. S. Center		12,418.30	
		Social Center		1,968.00	
A–2	752	Dental Clinics		1,750.00	
A–2	751	Substitutes	65,201.75	47,661.75	
A–3		Expert Examiner Teachers' Examinations	225.00	100.00	
H–1		Teachers' Contribution Pension Fund	16,570.60	18,242.00	133,136.50
		Expense	133,827.60		
B–7	751	Advertising		39.50	
A–25		Accounting Services (Wm. Dolge)		1,713.75	
		Appraisements		500.00	
		Architects' Services		355.28	
T–2		Athletic Supplies		1,295.55	
B–12		Auto Hire and Service		1,625.35	
K–9		Auto License		17.60	
B–8		Auto Painting		66.80	
C–4		Badges		32.70	
D–8		Brooms and Brushes		2,522.81	
B–2		Cartage and Hauling		1,939.99	
C–4		Cooking Supplies		2,424.04	
C–9		Crockery and Kitchen Utensils		400.25	
D–1		Dental Supplies		636.43	
B–6		Diplomas		218.37	
D–4		Dry Goods		897.46	
D–9		Electrical Material and Supplies		748.60	
B–2		Freight		100.00	
D–2		Fuel		23,144.17	
D–2		Fuel Oil		3,596.13	

EDUCATION—Continued

Code No.	Budget No.		1915-16	1916-17
		Departments at Large—Continued		
T–1		Furniture		12,442.48
T–9		Flags		359.91
E–1		Gas and Electricity		9,627.10
C–4		Hardware		3,989.69
B–9		Incidentals		960.17
A–2		Inspection of Day Schools		90.00
B–9	753	Incidentals Supt. of Schools		800.00
H–4	751	Insurance		473.00
D–8		Janitor Supplies		3,110.04
D–9		Lamps		677.22
D–7		Laboratory Supplies		3,895.23
C–1		Lumber and Millwork		7,075.13
T–2		Maps and Charts		424.69
T–2		Musical Supplies		182.18
H–4	37	Premium on Official Bonds		75.00
C–2	751	Paints		1,304.68
C–6		Plants		8.92
B–3		Postage		750.00
B–6		Printing and Binding		3,590.05
H–7		Rents		2,459.90
D–9		Rubber Hose		195.57
B–6		Subscription to Papers		127.80
B–6		Stationery		19,104.53
B–8		Sundry Repairs		281.39

B–32		Telephone and Telegraph		71.62	
B–1		Transportation (Personal)		332.80	
B–6		Typewriting Paper		5,333.55	
B–9		Transcribing Testimony		27.00	
E–6		Water		12,374.29	
D–8		Window Cleaning		1,150.00	133,568.72
A–2	751	Expenses Teachers' Convention	1,388.65	1,516.00	
L–13	751	Judgment (Salary of Kate L. Grace)		582.65	2,098.65
B–12	753	Livery for Supt. of Schools (from General Fund)		400.00	400.00
		Outlays—			
T–2	751	Adding Machines		793.20	
T–7		Automobile		2,150.00	
T–2		Books		5,822.32	
T–1		Clocks		275.90	
T–2		Comptometers		300.00	
T–1		Desks, Cabinets, etc.		15,570.11	
T–1		Forms		17.00	
T–4		Fire Escapes		12,867.50	
T–2		Industrial Equipment		1,729.40	
T–1		Kitchen Furniture Equipment		1,091.93	
T–4		Planer		1,320.00	
T–2		Phonograph		20.00	
T–2		Pianos		2,713.75	
T–2		Register		351.50	
T–2		Scientific Apparatus		1,483.21	
T–4		Sewing Machines		506.97	
T–1		Stoves and Ranges		693.32	

EDUCATION—Continued

Code No.	Budget No.		1915-16		1916-17
		Departments at Large—Continued			
T–2		Victrolas		100.00	
T–7		Truck		105.85	
T–2		Typewriting Machines		580.05	48,492.01
		Repairs to Schools			
		Salaries	79,247.27		
A–1	67	Asst. Superintendent of Bldgs.		25.00	
A–2	67	Carpenters		11,380.25	
A–2	67	Cement Finishers		5,488.50	
A–2	67	Glaziers		2,902.65	
A–2	67	Granite Cutters		34.80	
A–2	67	Inspectors		450.70	
A–2	67	Laborers		1,611.25	
A–2	67	Painters		12,358.25	
A–2	67	Plumbers		9,718.40	
A–2	67	Locksmith		1,525.00	
A–2	67	Steam Fitters		2,735.00	
A–2	67	Teamsters		2,655.80	
A–2	67	Tinners		9,556.00	
A–2	67	Wiremen		841.25	61,282.85
		Expense	40,227.78		
B–8	67	Boiler Repairs		1,446.80	
D–8		Cleaning Chimneys		1,191.50	
B–11		Car Fares		737.60	

C–5		Cement, Sand and Rock		1,365.57	
D–9		Electric Supplies		673.03	
K–3		Fairmount School Lot, Taxes Refunded		41.01	
D–6		Gasoline		59.70	
C–5		Glass		2,160.09	
C–4		Hardware		2,836.90	
C–1		Lumber and Mill Work		5,002.75	
C–2		Paints and Oils		3,514.46	
C–4		Plumbing Supplies		6,540.31	
C–3		Paper		144.51	
B–8	67	Plastering		361.05	
B–8		Roofing		789.00	
S–1		Steel Work		855.47	
D–9		Rubber Goods and Hose		37.48	
S–1		Repairs—Francis Scott Key School		1,094.50	
B–8		Sundry Repairs		481.50	29,333.24
		Outlay—			
S–1	67	General Construction Temporary Schools		15,045.00	
A–3		Painting Signs		90.00	
S–3		Side Sewers		234.85	
H–7		Fairmount School Lot, Title Insurance		145.00	15,514.85
		Total No. 67—$106,130.94			
S–1	C	Construction Parkside School		4,936.58	4,936.58
		Redding School; Additional for Completion of	62,039.44		
S–1		Architectural Services, Item No. 68		2,499.87	
A–2		Assistant Electrical Engineer		15.00	

EDUCATION—Continued

Code No.	Budget No.		1915-16		1916-17
		Construction of Schools—Continued			
		Inspectors		1,173.25	
		Laborers		50.00	3,738.12
		Outlay—			
B–1		Auto Hire		80.00	
B–6		Blue Print Paper		51.40	
D–9		Electrical Work		4,726.66	
D–2		Fuel Oil		23.18	
S–1		General Construction		77,936.15	82,817.39
		Total $86,555.51			
		Daniel Webster School—Code "S"	59,463.37		
		Salaries—			
A–25	C	Architectural Services		1,920.38	
A–2		Inspectors		1,683.70	3,604.08
		Outlay—			
B–1		Auto Hire		40.00	
B–6		Blue Print		68.94	
S–1		Brick		21,555.00	
S–2		Electrical Construction		4,400.50	
S–2		General Construction		47,773.50	
S–2		Heating and Ventilating		5,025.00	
R–1		Land for School		6,149.50	
D–9		Map Mounting		19.22	

S–2		Plumbing		6,032.25	
S–2		Steel Construction		22,707.96	
H–7		Title Insurance		947.68	114,719.55
		Total Daniel Webster School $118,323.63			
		Sherman School—Additional Land For—Code "S"			
R–1	C	Land		4,000.00	
A–25		Appraisal of Land		75.00	
H–7		Title Insurance		35.00	4,110.00
		Irving M. Scott School—Liability 1915-16, Code "S"			
		Repairs—			
		Plumbing		511.20	511.20
		Polytechnic High School—Liability 1915-16, Code "S"			
		Equipment	56,578.75		
		Cement Finishers		127.00	
		Carpenter		5.00	
		Painter		2.00	134.00
		Hardware		500.00	500.00
		Total Polytechnic High $634.00			
		Mission High School Annex—Item "C," Code "S"			
		Salaries—			
		Constructing Structural Engineer		24.00	
		Draftsman		131.60	
		Inspector		942.80	

EDUCATION—Continued

Code No.	Budget No.		1915-16	1916-17	
		Mission High School Annex—Continued			
		Stenographer		32.60	1,131.00
		Expense—			
		Blue Print		22.63	
		Electric Fixtures		23.00	
		General Construction		23,901.00	23,946.63
		Total Mission Annex $25,077.63			
		Fairmount School—Item "C," Code "S"			
		Salaries—			
		Architectural Services		6,296.43	
		Inspectors		820.10	
		Stenographer		10.00	7,126.53
		Appraising Land		700.00	
		Blue Print Paper		75.58	
		Brick		5,626.85	
		Electrical Construction		1,479.30	
		General Construction		17,658.75	
		Heating and Ventilation		10,875.00	
		Land Purchase Price		70,235.50	
		Moving Buildings		2,280.76	
		Plumbing (Construction)		7,481.85	
		Steel Construction		4,827.75	
		Side Sewer		48.00	

		Title Insurance		267.50	121,556.84
		Total Fairmount School $128,683.37			
		Paul Revere School—Item "C," Code "S"			
		Inspectors		95.00	95.00
		Monroe School, Plumbing Construction—Item "C," Code "S"			
		Salaries			
		Assistant Engineer (Civil)		5.00	
		Inspectors		280.68	
		Stenographer		20.00	305.68
		Expense			
		Construction of Lavatories		3,590.50	
		Hardware		268.00	
		Plumbing Construction		1,712.00	5,570.50
		Total Monroe School $5,876.18			
		Total School Department $2,774,817.49			
		LIBRARY FUND			
		Salaries	$ 106,569.17		
A–1	754	Secretary		3,150.00	
A–1	754	Librarian		3,000.00	
A–1	754	Assistant Secretary		1,166.85	
A–1	754	Branch Superintendent		1,100.00	
A–1	754	Stenographer		1,062.75	
A–1	754	Branch Librarian		6,185.55	
A–1	754	Office Assistants		29,431.10	

LIBRARY FUND—Continued

Code No.	Budget No.		1915-16	1916-17
A–1	754	Keepers and Assistants	2,335.20	
A–1	754	Pages	4,094.66	
A–1	754	Cataloguers	900.00	
A–1	754	Helpers	2,045.35	
A–1	754	Book Repairers	1,355.05	
A–1	754	Special Officer	905.00	
A–1	754	Messenger	1,002.00	
A–1	754	Curators	2,490.20	
A–1	754	Janitors	3,384.00	
A–1	754	Elevator Operators	480.00	
A–1	754	Telephone Operator	75.00	64,162.71
		Expense		
B–8	754	Auto Repairs and Supplies	404.33	
D–1	754	Catalog Cards	1,635.58	
D–8	754	Cleaning Supplies	869.42	
K–9	754	Dues	27.00	
D–9	754	Electric Supplies	36.05	
D–2	754	Fuel	1,322.80	
E–9	754	Gas	30.80	
D–6	754	Gasoline	20.42	
H–4	754	Insurance	819.33	
D–9	754	Incidentals	2,266.21	
B–2	754	Moving to New Library Building	609.50	
B–6	754	Printing	3,227.76	
B–6	754	Stationery	507.46	

H–7	754	Rent of Branch Libraries		975.00	
C–3	754	Rubber Goods		58.37	
C–9	754	Subscription to Papers		452.35	
B–8	754	Sundry Repairs		1,328.04	
D–8	754	Towel Service		80.75	
E–6	754	Water		716.61	15,387.78
		Outlay			
T–7	754	Auto		940.00	
T–2	754	Books		29,005.74	
T–2	754	Bindings		8,217.74	
T–6	754	Electric Fixtures		691.42	
T–1	754	Furniture		2,920.03	
T–2	754	Typewriters		308.80	42,083.73
		Total $121,634.22			

SURPLUS FUND

	Judgments against City and County of San Francisco	No. of Judgment		
K–9	Boardman, Geo	17703	1,466.31	
K–9	Burr, Clarence	17716	1,542.07	
K–9	Alligne, Mary	16725	2,494.10	
K–9	French Savings Bank	17617	8,177.38	
K–9	McElroy, R. D.	17932	3,546.26	
K–9	Credit Clearance Bureau	36599	25,601.77	
K–9	Hotaling Estate	59220	1,475.70	
K–9	Zellerbach & Co., Public Service Towels 1915-16		4.25	
K–9	Southern Pacific Co., Islais Creek Bridge, Cost of Operating, July 2, 1915 to August 2, 1915		426.00	

SURPLUS FUND—Continued

Code No.	Budget No.		1915-16		1916-17
		Judgments Against City, Etc.—Continued			
K–9		Stewart, H.	38575	650.43	
K–9		Otis, Jas. (Whitcomb Est.)	36892	2,691.44	
K–9		Wallace, Bradley L.	36893	1,971.05	
K–9		S. F. Call and Post Advertising, November, 1914....		254.80	
K–9		Schwab, Ed.	17779	3,935.03	
K–9		Schwab, Ed.	17688	10,988.36	
K–9		Bergerot, J. A.	17587	1,592.91	
K–9		Moore, Anita	17825	2,422.84	69,240.70
		Total $69,240.70			
		MISCELLANEOUS ACCOUNTS			
		Expense—			
	A & B	Collection of Coupons at New York		889.99	
H–4	A & B	Premium on Bonds, Crocker National Bank of New York		1,000.00	1,889.99
K–3	A & B	Refund of Tax Collector's Balances		556.77	556.77
K–9	39	Damages to Temporary City Hall		3,944.47	3,944.47
B–6	30	Sundry Stationery (Various Depts.)		914.98	914.98
B–6	29	License Blanks, Tags and Numbers		2,951.31	2,951.31
		Total $10,257.52			
		PUBLIC UTILITIES			
		Extension of Municipal Water Works			
		Salaries	6,367.09		
A–2	63	Asst. Mechanical Engineer		258.75	258.75

S–3	63	Leland Ave Construction		548.50	
S–3	63	Lumber and Mill Work		76.39	
S–3	63	Pipe and Fittings		251.33	
S–2	63	Signal System		325.00	
S–2	63	Tank Construction		80.00	
S–3	63	University Heights Construction		916.74	
S–3	63	Well Borings		163.05	2,361.01
		District Systems			
A–2	63	Draftsmen		10.00	
A–2	63	Inspectors		195.00	205.00
S–2	63	Installing		1,891.81	1,891.81
		Total Ext. Municipal Water Works $4,716.57			
		Water Works Funds			
		Salaries	7,953.70		
A–2	63	Clerk		164.30	
A–2	63	Engineers		1,750.00	
A–2	63	Inspector		1,035.00	
A–2	63	Quarry Driller		540.00	
A–2	63	Servicemen		960.00	4,449.30
E–3	63	Electric Current		2,272.16	
C–4	63	Engine Supplies		420.36	
B–2	63	Expressage		160.20	
C–4	63	Hardware		270.29	
D–9	63	Lamps		13.36	
B–8	63	Repairs to Pump		187.73	3,324.10
		Total Water Works $7,773.40			

PUBLIC UTILITIES—Continued

Code No.	Budget No.		1915-16	1916-17
		Municipal Railway Fund—		
		Salaries—Administrative		
A–1		Superintendent	4,999.80	
A–1		Assistants	4,500.00	
A–1		Cashier and Clerk	1,500.00	
A–1		Chief Clerk	1,800.00	
A–1		Experienced Clerks	2,805.00	
A–1		General Clerks	15,697.90	
A–1		Ordinary Clerks	100.00	
A–1		Bookkeepers (partial)	95.00	
A–1		Telephone Operators	1,041.90	
A–2		Relief Operator	228.50	
A–2		Stenographer and Typist	1,532.35	34,300.45
		Salaries and Wages—Operating		
A–1		Adjuster of Claims	3,000.00	
A–1		Master Mechanic	2,700.00	
A–2		Car Inspectors	20,122.80	
A–2		Track Inspector	1,705.00	
A–2		Conductors	248,602.90	
A–2		Motormen	242,260.05	
A–2		Linemen	8,838.10	
A–2		Sub-Foremen Trackmen	4,481.25	
A–2		Track Foremen	1,732.00	
A–2		Trackmen	58,240.45	
A–2		Car Repairers	34,679.40	

A–2	Car Repairers (Sub-Foremen)	5,776.15	
A–2	Machinists	4,161.50	
A–2	Foreman Car Painter	1,920.00	
A–2	Car Painters	13,889.95	
A–2	Blacksmiths	5,042.90	
A–2	Carpenters	4,990.50	
A–2	Wireman	1,602.55	
A–2	Mechanical Engineer	1,592.85	
A–2	Electrical Engineer	1,827.45	
A–2	Engineer, High Pressure	551.25	
A–2	Teamsters	948.95	
A–2	Steam Roller Engineer	75.00	
A–2	Draftsmen	4,515.95	
A–2	Janitor	1,080.00	
A–2	Foreman Asphalt Plant	735.35	
A–2	Asphaltmen	778.05	
A–2	Laborers	1,353.30	
A–2	Pavers and Rammers	2,074.75	
A–2	Plumber	60.45	
A–2	Inspector of Streets	1,736.31	
A–2	Civil Engineers	1,474.00	
A–2	Field Assistants	775.75	
A–2	Photographers	103.35	683,428.26
	Expense—		
A–25	Attorney's Fees	353.00	
B–12	Auto Services	440.00	
B–8	Auto Repairs and Supplies	160.95	

PUBLIC UTILITIES—Continued

Code No.	Budget No.		1915-16	1916-17
		Municipal Railway Fund—Continued		
H–2		Auto Registration	27.72	
C–4		Brake Shoes	6,761.21	
B–6		Blue Prints	26.79	
C–4		Castings	480.07	
C–5		Cement, Rock, etc.	1,127.65	
D–7		Chemicals	237.52	
K–9		Contingent Expense, Superintendent	3,727.68	
K–9		Contingent Expense, Secretary	445.35	
L–13		Compensation for Damages	1,197.95	
T–4		Car Parts and Equipment	5,483.50	
T–1		Conductors' Curtains	114.60	
D–4		Dry Goods	161.92	
D–9		Electric Lamps	1,656.01	
D–9		Electric Supplies	4,927.15	
T–7		Electric Motors	1,600.00	
T–7		Electric Power, United Railway	9,626.09	
E–3		Electric Power, Pacific Service	201,705.55	
H–7		Expense Ferry Terminal	2,763.45	
T–1		Flags	117.93	
T–1		Furniture	372.82	
B–2		Freight	7,045.57	
D–2		Fuel	529.53	
E–1		Gas	216.42	
D–6		Gasoline and Zeroline	587.97	

B–8	Glass	2,439.79
C–2	Grease and Oils	873.65
C–4	Hardware	3,665.74
B–9	Incidentals	113.52
H–7	Insurance Policy	537.35
D–8	Janitor Supplies	1,007.69
C–1	Lumber	1,870.61
D–7	Medical Service	862.05
R–3	Lease of Land	384.41
D–7	Oxygen	48.70
C–2	Paints and Material	5,279.86
B–6	Photostat Paper	100.37
B–31	Postage	180.00
B–6	Printing Transfers, etc.	4,781.04
S–3	Potrero Ave. Extension	6,635.44
S	Purchase of Library	150.00
H–7	Rents	165.00
B–2	Removing Garbage	81.20
B–8	Repairs to Streets and Tracks	3,957.84
B–8	Repairs to Wagon	25.50
D–9	Rubber Goods	248.37
B–6	Stationery	853.08
C–4	Springs	300.38
B–2	Teaming and Hauling	2,749.07
B–32	Telephone Service	2.33
B–1	Transfer Service U. R. R.	13,073.34
T–6	Track Rods and Ties	8,460.00

PUBLIC UTILITIES—Continued

Code No.	Budget No.		1915-16	1916-17
		Municipal Railway Fund—Continued		
D–7		Veterinary Service	30.00	
D–9		Watch	35.00	
E–5		Water	1,594.04	
T–6		Wire Twin Peaks Tunnel	7,560.00	319,959.77
B–8		Auto Repairs	18.00	
A–25		Appraisements Damages	3,391.00	
K–9		Contingent Fund Superintendent	2,987.80	
K–9		Incidentals	93.90	
K–9		Funeral Expense	100.00	
L–13		Judgment John B. Leighton	5,000.00	
A–3		Stenographic Service	353.00	
A–3		Medical Service	275.00	12,218.70
		Total $1,049,907.18		
		Investment Fund—Money Invested from Municipal Railway Funds		
		Outlay—		
L	A	Purchase of Fire Protection Bonds 5%	18,030.95	
L	A	Purchase of Garbage Bonds 5%	10,000.00	
L	A	Purchase of Hospital Bonds 5%	5,000.00	
L	A	Purchase of Mission Park Bonds 4½%	7,359.54	
L	A	Purchase of School Bonds 3½%	4,416.15	
L	A	Purchase of School Bonds 5%	4,039.60	
L	A	Purchase of Sewer Bonds 5%	8,039.60	

L	A	Miscellaneous		536.18	
		Brought Forward			57,422.02
		Total $57,422.02			
L	A	Investment No. 2			
		Purchase of Liberty Bonds		1,000,000.00	1,000,000.00
		Teachers' Institute Fund			
B–6		Books and Periodicals		181.17	181.17
		Public Trust Funds	256,601.36		
		Police Relief and Pension Fund			
A–1		Salary of Secretary		600.00	
A–3		Medical Services		70.00	
J–1		Pension as per judgment		4,148.00	
J–1		Pensions		97,962.10	
K–3		Refund of Contributions		2,666.00	105,446.10
		Firemen's Relief Pensions			
A–1	750	Salary of Secretary		600.00	
J–1		Pensions		119,014.41	119,614.41
		Robinson Bequest Interest Fund		2,000.00	
		Windel Bequest Interest Fund		800.00	2,800.00
		Inheritance Tax		1,317,671.17	1,317,671.17
		Money Paid to State of California		8,367.00	8,367.00
		Total Public Trust Funds $1,553,898.68			

PUBLIC UTILITIES—Continued

Code No.	Budget No.		1915-16	1916-17
		Private Trust Funds—Moneys Refunded		
K-3		Absent Heirs Fund	403.22	
		County Clerk's Special Fund	241,648.05	
		Bail Money	797,755.00	1,039,806.27
		Duplicate Taxes	5,049.43	5,049.43
		House Moving Fund, Dept. of P. W.	2,320.00	2,320.00
		House Moving Fund, Dept. of Electricity	482.50	482.50
		Public Administrator Fund	4,469.75	4,469.75
K-3		Special Badge Fund	175.00	175.00
		Special Permit Fund 1912-13	5,100.00	
		Special Permit Fund 1913-14	1,030.00	
		Special Permit Fund 1914-15	1,340.00	
		Special Permit Fund 1915-16	18,289.00	
		Special Permit Fund 1916-17	27,824.00	53,583.00
K-3		Spreckels-Murphy Deposit Fund	3,783.00	3,783.00
K-3		Excavation Funds	3,160.25	3,160.25
K-3		Tearing up Streets Fund Refunds		
		Tearing up Streets 1914-15	132.60	
		Tearing up Streets 1915-16	4,062.90	
		Tearing up Streets 1916-17	16,778.80	20,974.30
K-3		Interest on Fire Protection Bonds Owned by Teachers	1,100.00	1,100.00
		Total Private Trust Funds—Moneys Refunded $1,134,903.50		

Miscellaneous Refunds

Money Paid in Error and Refunded

K–3	Board of Works Fees		18.00	
K–3	Bail Money		60.00	
K–3	City Attorney, Refund A/c		694.06	
K–3	County Clerk Fees		110.50	
K–3	Coroner—Money found on deceased persons		98.96	
K–3	Erroneous Payment of Taxes		2,372.72	
K–3	Fines Superior Court		75.00	
K–3	Juvenile Court—Refund of Taxes		300.00	
K–3	Police Dept.—Refund Liquor Licenses		125.00	
K–3	Police Dept.—Money found on Prisoners		142.84	
K–3	Recorder's Fees		1.15	
K–3	Supervisors' Fees		259.00	
K–3	Sheriff's Fees		4.15	
K–3	State Board of Health—Pure Food—½ Fines		210.00	
K–3	State Board of Pharmacy—Poison Law Fines		5,182.50	
K–3	State Labor Commission		75.00	
K–3	Tax Judgments against City Liability ac. 1915-16		45,037.81	
K–3	Vehicle Licenses		36.50	
K–3	Violating State Ord. Fish and Game Commission		180.00	54,983.19

Total Miscellaneous Refunds $54,983.19

Tearing Up Street Fund

	Salaries	39,488.25		
A–1	Cashier		75.00	
A–2	Cribbing		776.00	

PUBLIC UTILITIES—Continued

Code No.	Budget No.		1915-16	1916-17
		Tearing Up Street Fund—Continued		
A–2		Inspector	2,400.00	
A–2		Sidesewermen	24,909.50	
A–2		Teamsters	2,253.00	30,413.50
		Expense—		
B–12		Auto Hire	280.00	
C–4		Hardware	162.19	
C–9		Lanterns	16.50	
B–12		Livery	160.00	
C–1		Lumber	402.63	
C–2		Oil	8.40	
B–8		Repairs to Tools	250.90	
B–8		Repairs to Trenches	5,430.75	
D–4		Rubber Goods	40.50	
S–3		Sewer Pipe	81.95	6,833.82
		Refund on Street Permits $16,778.80 (See Refund) 1916-17		
		Total Tearing Up Street Funds $37,247.32— 1916-17		
		1915-16		
B–12		Livery	80.00	
B–8		Repairs to Tools	18.55	
S–3		Sewer Pipe	10.07	
B–2		Teaming	195.00	

S–3		Trenches		1,500.60	1,804.22
		Refund on Street Permits $4,062.90 (See Refund) 1915-16			
		Refund on Street Permits $132.60 (See Refund) 1914-15			
		Total Tearing Up Street Fund $1,804.22, 1915-16			
		BOND INTEREST AND REDEMPTION FUND			
		Interest Account—Code L–21			
L–21	A	School Bonds, 1904	$ 1,974,992.25	20,839.73	
		Street Bonds, 1904		19,531.75	
		Jail Bonds, 1904		2,740.50	
		Library Bonds, 1904		45,853.50	
		Playgrounds Bonds, 1904		18,620.00	
		Park Extension Bonds, 1904		8,179.50	
		Mission Park Bonds, 1904		7,281.75	123,046.73
		Fire Protection Bonds, 1908		252,875.00	
		Sewer Bonds, 1908		190,250.00	
		School Bonds, 1908		225,325.00	
		Hospital Bonds, 1908		82,900.00	
		Hall of Justice Bonds, 1908		39,250.00	
		Garbage Bonds, 1908		30,450.00	821,050.00
		Geary St. Bonds, 1910		78,007.50	
		Market St. Bonds, 1910		3,037.50	
		Polytechnic High School Bonds, 1910		23,557.50	
		Hetch Hetchy Bonds, 1910		189,192.77	293,795.27

BOND INTEREST AND REDEMPTION FUND—Continued

Code No.	Budget No.		1915-16		1916-17
		Interest Account—Continued			
		City Hall Bonds, 1912		439,400.00	
		Exposition Bonds, 1912		345,450.00	784,850.00
		Municipal Railway Bonds, 1913		215,547.50	
		Hospital-Jail Bonds, 1913		71,617.50	287,165.00
		Total Interest Account $2,309,907.00			
		Bond Redemption Account—Code L-11			
L-11	B	Bonds Redeemed	1,136,000.00		
		School Bonds, 1904		90,087.49	
		Street Bonds, 1904		40,500.00	
		Jail Bonds, 1904		17,400.00	
		Library Bonds, 1904		41,100.00	
		Playground Bonds, 1904		18,500.00	
		Park Extension Bonds, 1904		8,200.00	
		Mission Park Bonds, 1904		7,300.00	223,087.49
		Sewer Bonds, 1908		100,000.00	
		School Bonds, 1908		200,000.00	
		Fire Protection Bonds, 1908		130,000.00	
		Hospital Bonds, 1908		100,000.00	
		Hall of Justice Bonds, 1908		50,000.00	
		Garbage Bonds, 1908		50,000.00	630,000.00
		Geary St. Bonds, 1910		95,000.00	
		Market St. Bonds, 1910		6,000.00	
		Polytechnic High School Bonds, 1910		25,000.00	126,000.00

	Exposition Bonds, 1912		200,000.00	200,000.00
	Hospital and Jail Bonds, 1913		100,000.00	100,000.00
	Total Redemption Account	1,279,087.49		
	Total Bond Interest and Redemption Fund	3,588,994.49		
	Municipal Bond Funds—P. B.—Code L–15			
A-2	No. 2 Sewer Bonds, 1904	130,102.13		
A-2	Draftsmen		360.05	
A-2	Inspectors		675.00	
A–2	Laborers		1,115.00	2,150.05
S-3	Construction Orizaba St. Sewer		18,209.61	
S-3	Construction Somerset Sewer		1,000.00	
K–3	Damage to Lands		3,000.00	
R-1	Purchase of Land		100.00	22,309.61
	Total Sewer Bonds 1904 $24,459.66			
	No. 3 Sewer Bonds, 1908	120,126.52		
A–2	Civil Engineer		130.00	
A–2	Draftsman		665.65	
A–2	Inspectors		155.00	950.65
B–6	Books		150.00	
B–6	Plans		3.15	
B–6	Printing		10.77	163.92
	Total Sewer Bonds 1908 $1,114.57			
	School Bonds—1908			
	Salaries	64,664.57		
A–2	Electrical Engineer		14.50	
A–2	Inspectors		753.70	768.20

BOND INTEREST AND REDEMPTION FUND—Continued

Code No.	Budget No.		1915-16		1916-17
		Paul Revere School			
S–1		Construction		28,792.28	
S–1		Equipment		1,416.45	30,208.73
		Training School			
S–1		Equipment		4,198.95	4,198.95
		Washington Irving School			
S–3		Foundation		319.00	319.00
D–3		Blue Prints		27.17	27.17
		Total School Bonds $35,522.05			
		Fire Protection Bonds, 1908	619.35		
		Salaries—			
A–2		Civil Engineers		315.40	
A–2		Draftsmen		316.20	
A–2		Field Assistants		74.15	
A–2		High Pressure Engineers		907.50	
A–2		Inspectors		480.00	
A–2		Labor		314.75	
A–1		Watchmen		2,084.50	4,492.50
E–4		Electric Power		73.34	
C–4		Electrical Material		5.68	
D–2		Fuel		117.00	
C–4		Hardware		379.83	
B–12		Horse Hire		7.43	

K–9	Incidentals		37.00	
S–3	Laying High Pressure Mains		10,895.36	
S–3	Manhole Covers		133.09	
K–3	Refund on Side Sewers		140.00	11,788.73
	Total Fire Protection $16,281.23			
	Library Bonds, 1904	384,671.37		
	Salaries—			
A–25	Architects' Services		18,096.00	
A–2	Inspectors		196.00	
A–2	Supt. of Construction		1,600.00	19,892.00
	Expense—			
S–1	General Construction		64,213.22	
S–1	Granite Work		228,554.00	
K–9	Secretary's Expense		336.95	293,104.17
	Total Library Bonds $312,996.17			
	Garbage Bonds—1908			
	Salaries	1,102.80		
S–2	Mechanical and Civil Engineers		2,110.65	2,110.65
	Expense—			
B–11	Carfare		2.10	
A–22	City Attorney's Witness Exp.		1,079.72	
K–9	City Attorney, Incidentals		675.00	
A–25	Consulting Engineer		4,102.00	
A–25	Consulting Attorney		428.15	
A–25	Chemical Analysis		70.00	

BOND INTEREST AND REDEMPTION FUND—Continued

Code No.	Budget No.		1915-16		1916-17
		Garbage Bonds—1908—Continued			
A–22		Expert Witness Fees		1,450.00	
A–25		Reporting and Stenography		1,522.50	
B–13		Transportation		136.78	
B–32		Telegrams		19.58	9,485.83
		Total Garbage $11,596.48			
		Polytechnic High School Bonds—1910			
		Salaries	26,407.20		
A–2		Inspector of Grounds		36.00	
A–2		Labor		580.45	616.45
		Expense—			
S–2		Construction Account		609.00	
S–2		Glass		4.59	
S–2		Gymnasium Equipment		261.80	
S–2		Hardware		64.68	
S–2		Improvement of Yards		6,590.00	
S–2		Lighting Fixtures		1,667.63	
S–2		Lumber and Mill Work		534.61	
S–2		Loam		1,029.40	10,761.71
		Total Polytechnic High School $11,378.16			
		Municipal Railway Bonds—1913			
		Salaries	278,285.61		
		Civil Engineers		1,972.60	

Draftsmen	724.50	
Electrical Engineers	237.50	
Inspectors	1,131.48	
Laborers	235.90	
Mechanical Engineers	1,131.50	5,433.48
Expense—		
Asphalt Pavement	355.16	
Bands	315.00	
Bending Rails	236.99	
Concrete Poles	3,147.71	
Copper Rail Bands	1,247.90	
Electric Current	17.40	
Electric Conductors	5,487.37	
Freight	1,061.75	
Fuel	65.11	
General Construction	73,402.33	
Incidentals	57.17	
Iron and Steel	45.50	
Legal Services	214.80	
Machinery Repairs	971.57	
Plans	18.35	
Rearranging Trolley Poles	420.00	
Track, Special Work	14,736.00	
Unloading and Storing Material	129.62	101,929.73

Total Municipal Railway Bonds 1913 $107,363.21

BOND INTEREST AND REDEMPTION FUND—Continued

Code No.	Budget No.		1915-16		1916-17
		Hospital and Jail Bonds 1913—Code "S"			
		Salaries	32,813.80		
		Building Inspectors		8,927.00	
		Carpenters		42.50	
		Engineers		229.65	
		Painters		834.50	
		Plumbers		76.50	
		Structural Ironworkers		2,993.40	
		Tinners		56.00	
		Watchman		5.80	
		Wiremen		72.50	
		Stenographer		212.90	
		Teamster		6.25	13,457.00
		Expense	208,544.61		
		General Construction N. E. Wing of Hospital		181,278.86	
		General Construction S. E. Wing of Hospital		107,310.43	
		Blue Prints		542.97	
		Architectural Services		10,732.70	
		Furniture and Equipment		5,880.59	
		Structural Iron Work		44,980.13	
		Electrical Work		24,564.16	
		Electric Power		70.15	
		Hardware		733.50	
		Freight		265.40	

	Heating Plant		17,552.75	
	Boring Test Holes		8.05	
	Plumbing		39,618.37	
	Bond Expert (Services)		450.00	
	Construction of Pathological Bldg.		14,000.00	447,988.06
	Construction of Central Emergency Hospital—Code "S"			
	Salaries—			
A–25	Architectural Services		2,522.95	
S–1	Construction		78,279.79	
T–1	Equipment		6,569.52	
S–1	Plans		1,768.96	89,141.22
	Isolation Hospital			
T–1	Equipment		465.21	465.21
	County Jail			
S–1	Alterations and Equipment		3,411.83	3,411.83
	Hall of Justice			
S–3	Elevator		5,338.00	5,338.00
	Total $559,801.32			
	City Hall and Civic Center Bonds of 1912—Audits 1916-17			
	Salaries	1,394,200.85		
A–25	Architectural Services		11,800.00	
A–2	Building Inspector		103.25	
A–2	Carpenters		307.00	

BOND INTEREST AND REDEMPTION FUND—Continued

Code No.	Budget No.		1915-16	1916-17
		City Hall and Civic Center Bonds—Continued		
A–2		Cement Finishers	1,348.45	
A–2		Foremen	200.00	
A–2		Gardeners	241.50	
A–2		Glaziers	5.00	
A–2		Laborers	1,114.00	
A–2		Mechanical Engineer	36.00	
A–2		Painters	144.50	
A–2		Plumbers	84.00	
A–2		Wiremen	77.50	15,461.20
		Outlay—		
R–1		Abstracts	1,017.00	
S–1		Carving	15,846.28	
S–1		Cement Work	109.06	
K–3		Damages (to property)	1,935.00	
S–1		Electric Clocks	2,206.75	
S–1		Electric Fixtures	2,137.79	
S–1		Elevators	11,575.00	
S–1		Freight	262.67	
T–1		Furniture	13,684.53	
S–1		Gasoline Tank	353.70	
S–1		Glass and Glazing	8,092.94	
S–1		Hardware	1,815.39	
S–1		Installing Organ	3,900.00	

S–1		Iron and Bronze Work	3,448.83	
S–1		Interior Stone Work	2,705.00	
S–1		Machinery and Repairs	438.71	
S–1		Mail Chutes	843.00	
S–1		Marble Work	9,505.37	
S–1		Metal Work	735.78	
S–1		Mill Work	21,069.58	
S–1		Painting	2,305.45	
S–1		Painting Signs	398.40	
S–1		Plastering	13,591.28	
S–1		Plumbing	530.98	
S–1		Roofing	4,157.31	
S–1		Teaming	1,213.75	
S–1		Tube System	3,000.00	
S–1		Vaults	222.00	
S–1		Incidentals	31.00	127,132.55
		Total $142,593.75		
R–1	D	Purchase of Land	78,674.16	78,674.16
		Total $221,267.91		

HETCH HETCHY EXPENDITURES

From Sale of Bonds

For fiscal year ended June 30, 1917	$1,625,185.42
Expenditures previous years	1,817,444.10
Total Expenditures to June 30, 1917	3,442,629.52

General Office Plans, etc.—

Code No.			
A–1	City Engineer (part salary)	5,000.40	
A–1	Civil and Mechanical Engineers	12,059.55	
A–1	Consulting Engineer	450.00	
A–1	Hydraulic Engineer	720.00	
A–1	Draughtsmen	8,565.20	
A–1	Surveyors	3,029.05	
A–1	Stenographers	2,922.35	
A–1	Photographers	436.15	
A–1	Inspector	422.50	
A–1	Geologist	2,400.00	
A–1	Bookkeeper	140.00	
A–1	Chemist	300.00	
A–1	General Mechanic	100.00	
A–1	Timekeeper	307.30	
K–9	Contingents	282.00	37,054.50

Expense—

B–12	Auto Hire	12.00	
B–7	Advertising	18.60	
B–6	Blue Prints	245.90	
B–9	Contingents	615.86	
T–1	Furniture	194.61	
D–1	Instruments (Surveyors)	18.00	
B–6	Stationery	1,385.79	
B–4	Subsistence	182.95	
B–3	Telegraph Service	85.71	
B–6	Printing	443.05	
B–2	Transportation	109.00	
T–2	Typewriter	30.00	
B–31	Postage	109.20	
C–4	Electrical Supplies	50.89	
D–1	Photographic Materials	189.01	
B–6	Books	168.80	
D–1	Adding Machine	213.75	
K–9	Taxes	4,477.64	8,550.76

Total General Office Plans, etc.	45,605.26

HETCH HETCHY EXPENDITURES—Continued

Miscellaneous Expense

Code No.			
A–25	Annual Payment to Secretary of Interior	945.00	
A–25	Attorney's Services at Washington	2,500.00	
A–25	Consulting Engineers	7,190.16	
A–25	Legal Services, R. M. Searles	1,249.98	
A–25	Legal Expenses, Geo. Lull	50.00	
H–4	State Compensation Insurance Fund	8,830.40	
K–9	Contingent Expenses	114.45	
A–2	Stenographers' services	402.60	
B–6	Stationery	306.94	
A–25	Expense of Appraisers	166.55	
B–6	Printing bonds	3,937.50	
B–6	Printing bond registers	1,248.75	26,942.33

Inspection and Engineering—

A–25	Consulting Engineers	2,912.20	
A–2	Draughtsmen	1,560.00	
A–2	Estimators	3,044.85	
A–2	Inspectors	2,270.95	
A–2	Timekeeper	75.00	
A–2	Stenographers	213.15	
A–2	Clerk	447.15	
A–2	Hydraulic Engineer	97.50	
A–2	Transitmen	4,095.20	
A–2	Levelmen	3,415.10	
A–2	Chainmen	5,637.90	
A–2	Axemen	1,499.40	
A–2	Laborers	1,729.75	
A–2	Cook	338.70	
A–2	Teamsters	180.00	27,516.85

Expense—

B–12	Auto Hire and repairs	873.63	
K–9	Contingents	609.57	
T–1	Camp Equipment	628.27	
D–1	Surveyors' supplies	713.12	
C–4	Electrical material	58.41	
J–2	Fire Extinguisher	18.26	
D–5	Forage	690.79	

HETCH HETCHY EXPENDITURES—Continued

Inspection and Engineering—Expense—Continued—

Code No.			
D–6	Gasoline	103.47	
D–5	Horse-shoeing	40.50	
D–5	Harness	21.24	
C–4	Hardware	271.05	
T–9	Miscellaneous Equipment	852.04	
C–1	Lumber	252.07	
B–31	Postage	171.00	
H–7	Rent of Quarters	276.11	
B–6	Stationery	992.46	
B–4	Subsistence, Meals, etc.	7,628.83	
B–12	Teaming and Horse Hire	911.31	
B–1	Transportation	342.02	15,454.15
	Total Inspection and Engineering	42,971.00	

Rights of Way and Water Rights—

A–25	Consulting Engineer	715.20	
A–2	Civil Engineer	450.00	
A–2	Transitmen	375.00	
A–2	Levelmen	5,060.40	
A–2	Foremen	3,031.50	
A–2	Carpenters and cabin builders	1,085.30	
A–2	Chainmen	385.70	
A–2	Blacksmiths and tool sharpeners	2,478.80	
A–2	Teamsters	638.40	
A–2	Stenographers	2,900.00	
A–2	Powdermen	680.35	
A–2	Machine drillers	553.00	
A–2	Laborers	25,878.30	
A–2	Geologist	775.25	45,007.20

Expense—

A–25	Appraisers	3,600.00	
K–9	Appraisers' contingents	2,692.33	
H–7	Abstract of titles	1,235.60	
A–3	Assaying samples	387.00	
B–12	Auto Hire	2.50	
B–5	Brushes	24.62	
C–9	Contingent expenses (Engineers)	272.40	
B–9	Camp Supplies	252.45	
A–3	Cutting Timber	132.40	

HETCH HETCHY EXPENDITURES—Continued

Rights of Way—Expense—Continued—

Code No.			
S–3	Driving Water Tunnels	1,549.00	
D–5	Forage	1,657.89	
D–9	Flash Lights	109.00	
B–2	Freight	439.09	
C–4	Hardware (Iron and Steel)	2,256.66	
D–5	Harness	11.95	
B–2	Hauling material and supplies	625.77	
D–5	Horse-shoeing and blacksmithing	128.16	

Expense—

C–1	Lumber	871.12	
A–25	Legal Service	1,925.45	
A–25	Mining Expert Service	1,897.65	
R–2	Purchase of Land	15,800.00	
T–7	Reconstruction of telegraph plant	201.76	
D–9	Powder and Explosives	6,259.63	
D–4	Rubber Goods	28.56	
H–7	Rent of teams and horse hire	802.04	
H–7	Rent of Machinery	180.00	
B–6	Stationery	9.45	
B–4	Subsistence, meals, etc.	723.72	
B–2	Transportation and freight	636.50	
T–5	Tents	220.74	
K–9	Taxes	120.11	
B–32	Telegraph service	136.06	
A–25	Transcribing testimony	320.00	45,509.61

Total of Rights of Way and Water Rights $90,516.81

Clearing Transmission Line—

A–2	Labor	5,443.73	
A–2	Foreman	294.00	
A–2	Axeman	50.00	5,787.73

Total Clearing Transmission Line $5,787.73

Clearing Reservoir Site—

A–2	Foreman	661.50	
A–2	Levelmen	107.50	
A–2	Machine Drillers	790.66	

HETCH HETCHY EXPENDITURES—Continued

Clearing Reservoir Site—Continued

Code No.			
A–2	Tool Sharpeners	172.00	
A–2	Powdermen	229.20	
A–2	Labor	7,849.54	9,810.40
	Expense—		
	Contract clearing site	10,020.39	10,020.39
	Total Clearing Reservoir Site	19,830.79	
	Permanent Camps—		
A–2	Cabin builders and carpenters	2,506.75	
A–2	Foreman	367.50	
A–2	General Mechanic	156.00	
A–2	Levelman	75.00	
A–2	Hoistman	56.90	
A–2	Machine drillers	87.50	
A–2	Stationary Engineer	194.40	
A–2	Timberman	99.00	
A–2	Teamster	120.00	
A–2	Laborers	5,855.85	9,518.90
	Expense—		
B–9	Camp supplies	1,452.55	
D–5	Forage	209.95	
C–4	Hardware and plumbing material	1,902.65	
B–2	Hauling material and supplies	1,695.63	
A–3	Horse-shoeing, etc.	191.25	
B–12	Horse hire, etc.	72.57	
C–1	Lumber	1,226.88	
T–4	Machinery and general equipment	4,229.12	
B–4	Subsistence	674.87	
B–32	Telegrams	1.20	
B–2	Transportation and freight	751.15	
C–2	Paints	1,178.63	
A–3	Veterinary service	15.60	13,728.04
	Total Permanent Camps	$23,246.94	
	Operating Saw Mill—		
A–1	Foreman	1,894.50	
A–2	Constructing Engineer	88.70	

HETCH HETCHY EXPENDITURES—Continued

Operating Saw Mill—Continued—

Code No.			
A–2	Stationary Engineer	218.00	
A–2	Teamsters	470.80	
A–2	Timberman	2,187.80	
A–2	Sawyers	1,284.15	
A–2	Tool Sharpeners	1,192.20	
A–2	Laborers	14,709.75	22,045.90

Expense—

C–7	Belting	205.39	
C–7	Canvas Hose	174.65	
D–2	Fuel	28.86	
D–5	Forage	126.91	
B–2	Freight	167.48	
D–6	Gasoline	21.30	
C–4	Hardware	640.36	
B–2	Hauling material	390.09	
T–4	Machinery	165.00	
T–4	Oils	221.82	
T–5	Paints	36.38	
T–4	Saws	559.59	
B–4	Subsistence, meals, etc.	39.02	
T–4	Steel Cable	3,196.31	
T–9	Miscellaneous supplies	323.82	6,296.98

Total Operating Saw Mill.... ....$28,342.88

Surveying Aqueduct Location—

A–2	Hydraulic Engineer	2,019.00	
A–2	Stenographer	120.00	
A–2	Surveyors	792.90	
A–2	Draughtsmen	793.35	
A–2	Topographer	1,005.00	
A–2	Transitmen	875.00	
A–2	Chainmen	2,429.35	
A–2	Levelmen	674.25	
A–2	Laborers	1,171,10	9,870.95

Expense—

B–9	Camp Supplies	3,259.95	
B–9	Contingents	107.96	
S–3	Boring Aqueduct	33,892.83	

HETCH HETCHY EXPENDITURES—Continued

Surveying Aqueduct Location—Expense—Continued

Code No.			
B–12	Auto Hire	276.16	
B–8	Auto Repairs	350.28	
B–2	Freight	148.90	
D–2	Fuel	141.36	
C–4	Hardware	676.70	
C–1	Lumber	74.96	
D–9	Powder and Explosives	1,860.00	
H–7	Rent of Teams, etc.	468.17	
B–6	Stationery	54.13	
E–2	Survey Instruments	137.61	
B–4	Subsistence	1,241.14	
D–6	Rubber Tires	157.95	42,848.10

Total Surveying Aqueduct Location.....$52,719.05

Diversion Tunnel, etc.—

A–2	Hydraulic Engineer	910.00	
A–2	Stationary Engineer	1,200.45	
A–2	Cabin Builders and carpenters	2,116.25	
A–2	Foremen	2,823.55	
A–2	Master Mechanic	487.00	
A–2	Mechanical Engineer	338.70	
A–2	Derrickman	591.30	
A–2	Levelman	165.00	
A–2	Powderman	98.00	
A–2	Machine Drillers	10,940.85	
A–2	Tool Sharpeners	3,415.75	
A–2	Teamsters	267.10	
A–2	Laborers	10,168.70	33,522.65

Expense—

B–9	Camp Supplies	248.44	
C–5	Cement	5,648.77	
S–3	Concrete cart	114.00	
D–2	Fuel	65.40	
B–2	Freight	14.06	
T–4	Concrete mixer (machinery)	493.00	
T–4	Hoisting Engine	547.50	
T–4	Machinery and Repairs	6,799.15	
S–3	Construction on drifting tunnels	49,465.96	
T–4	Hardware, iron and steel	2,081.73	

HETCH HETCHY EXPENDITURES—Continued

Diversion Tunnel, Etc.,—Expense—Continued

Code No.			
D–5	Forage	1,246.54	
B–2	Horse hire and livery	436.93	
T–2	Photo supplies	2.40	
D–6	Gasoline	78.38	
B–4	Subsistence, meals, etc.	36.60	
T–7	Hauling material	5,451.62	
T–7	Hauling cement (contract)	13,491.98	
D–4	Rubber goods	51.74	
T–5	Paints	71.31	
T–4	Wire and Cable	571.58	86,917.09

Total Diversion Tunnel $120,439.74

Lower Cherry Creek Power and Development

A–2	Civil Engineer	1,596.45	
A–2	Foreman	5,359.55	
A–2	Timekeeper	150.00	
A–2	Cabin Builders and Carpenters	2,584.35	
A–2	Chainman	137.40	
A–2	Powderman	156.30	
A–2	Tool Sharpeners	2,687.25	
A–2	Teamsters	909.00	
A–2	Machine Drillers	735.25	
A–2	Laborers	39,053.55	53,368.10

Expense—

B–2	Auto hire	19.60	
T–5	Camps	98.92	
T–1	Camp Supplies	516.93	
B–9	Contingents	39.40	
T–7	Cement	1,700.40	
T–6	Electrical supplies	6,026.83	
T–7	Dump cars	301.48	
T–6	Fuel	284.45	
T–7	Freight	59.13	
D–5	Forage	3,353.97	
T–7	Hauling cement	1,310.20	
T–7	Hauling material and supplies	3,305.66	
T–4	Hardware, iron and steel	3,194.61	
T–9	Harness	14.00	

HETCH HETCHY EXPENDITURES—Continued

Lower Cherry Creek, Etc.,—Expense—Continued

Code No.			
T–5	Lime	7.24	
T–4	Lumber	460.40	
T–4	Shakes	33.70	
T–4	Machinery	3,695.58	
T–4	Paint	87.39	
T–4	Plumbing material	678.56	
T–9	Powder and explosives	13,173.60	
T–6	Purchase of electric generators	14,471.00	
T–6	Purchase of hydraulic equipment	18,814.00	
T–4	Oil	509.05	
B–12	Services of teams and labor	1,734.03	
T–2	Surveyors' Instruments	31.40	
T–4	Steel pipe	2,250.00	
B–4	Subsistence, meals, etc.	1,023.20	
B–6	Stationery	30.36	
T–4	Rails	1,149.88	
B–2	Transportation	229.40	
D–4	Rubber boots	91.12	
T–7	Wagons	299.87	
T–6	Wire	25,215.87	
T–6	Telegraph Poles	490.00	104,701.23

Total Lower Creek, etc. $158,069.33

Hydrography—Expense

A–2	Hydrographer	2,893.50	
A–2	Cabin builder	294.50	
A–2	Topographer	150.00	
A–2	Labor	638.90	3,976.90
B–9	Contingent Expenses	707.70	707.70

Total Hydrography $4,684.60

Construction of Railroads—

S–2	Construction Work (Rolandi)	867,113.66	
A–2	Inspection	629.90	
S–2	Construction work (Bd. Pub. Wk)	1,816.55	869.560.11

Total Construction of Railroads, $869,560.11

HETCH HETCHY EXPENDITURES—Continued

Roads and Trails—

Code No.			
A–2	Constructing Engineer	733.05	
A–2	Cook	9.70	
A–2	Cabin Builders and Carpenters	181.75	
A–2	Transitmen	875.00	
A–2	Timber fellers	230.15	
A–2	Machine drillers	1,342.30	
A–2	Tool sharpeners	1,958.50	
A–2	Powderman	370.75	
A–2	Teamsters	842.70	
A–2	Foremen	4,078.05	
A–2	Levelman	150.00	
A–2	Laborers	43,002.95	53,774.90

Expense—

D–2	Fuel	157.08	
D–5	Forage	1,223.55	
B–2	Freight	112.07	
B–9	Contingents	277.48	
T–7	Harness	144.00	
T–4	Hardware, iron and steel	2,995.02	
T–7	Hauling supplies and material	1,399.92	
D–6	Gasoline	10.78	
S–3	Powder	5,225.43	
B–2	Rent of teams and barn hire	1,664.37	
B–4	Subsistence, meals, etc.	658.57	
B–2	Rent of grader	36.50	
D–5	Horse-shoeing, etc.	116.96	14,021.73

Total Roads and Trails $67,796.63

Construction of Dam, etc.

A–2	Superintendent	724.20	
A–2	Foreman	3,065.95	
A–2	Hydraulic Engineer	950.00	
A–2	Mechanic	612.00	
A–2	Levelmen	705.00	
A–2	Teamsters	1,761.60	
A–2	Stationary Engineer	6,125.45	
A–2	Machine Drillers	1,019.40	
A–2	Cabin builders and carpenters	4,152.65	
A–2	Tool sharpeners	650.40	

HETCH HETCHY EXPENDITURES—Continued

Construction of Dam, Etc.,—Continued

Code No.			
A–2	Hoistman	700.00	
A–2	Diver tender	30.00	
A–2	Pile drivers	588.15	
A–2	Laborers	12,702.55	
A–2	Timber fellers	6,682.40	40,469.75
	Expense—		
D–2	Fuel	114.12	
B–2	Freight and Transportation	773.20	
D–5	Forage	3,352.55	
T–6	Electrical material	259.95	
T–1	Equipment of camps	594.13	
T–4	Hardware	1,647.81	
B–2	Hauling	1,188.71	
T–5	Hose	747.71	
B–2	Hire of teams, etc.	3,206.34	
T–4	Iron Pipe	1,403.63	
T–4	Machinery	8,437.78	
T–4	Plumbing	771.58	
H–7	Rent of Machinery	171.37	
S–3	Powder and explosives	71.39	
D–4	Subsistence, meals, etc.	958.67	
T–4	Steel and iron	1,971.47	
T–6	Oils	163.52	
T–9	Toolsharpening	495.68	
T–4	Wire and cable	1,511.35	
T–9	Miscellaneous items	361.51	28,202.47
	Total of Dam $68,672.22		
	Grand Total Hetch Hetchy Fund..		1,625,185.42
	Total Audits		$24,873.455.03

CLASSIFIED RECEIPTS

General Fund—

Code No.			
1–A	Taxes	$ 7,407,862.33	
76–B	Advertising	11,259.10	
88	Auditorium	32,391.56	
18	Candidates filing fees and Registrar's fees	2,742.17	
6–B 98	Court Fines	18,636.00	
19–26	Fees from County Officers	208,529.46	
9–D	Interest on Bank Deposits	100,364.32	
5–A	Licenses, Liquor	953,320.00	
5–C	License Dog	10,189.00	
5–E	Licenses, Marriage	12,710.00	
5–D	Licenses, Miscellaneous	200,049.50	
13, 15 to 20	Miscellaneous Receipts	6,850.27	
8–D	Rent of Property	22,046.85	
102A	Refunds: Recorder's Office $45.00 elevator City Hall, $7.30; City Attorney, $4.69; Juvenile Court Taxes $13.00; Rebate on official bonds, $18.04	88.03	$ 8,987,038.59

Protection to Person and Property—

23, 24, 27-8	From fees	16,995.94	
28	Pound Receipts	2,139.65	
27	Building Permits	25,457.00	
23, 24, 27-8	Advertising, Sales, etc.	7,540.39	
102A	Refunds Dept. of Electricity	23.70	52,156.68

Conservation of Health—

32	Care of patients, Tubercular Hospital	5,661.54	
32	Care of patients, Isolation Hospital	318.50	
31	From fees (Birth and Death Registration)	1,177.00	
102–A	Refunds	.45	
30	Sales of Material	291.00	7,448.49

Sanitation and Cleanliness—

38	Rental Sanitary Reduction Wks.	17,500.00	17,500.00

CLASSIFIED RECEIPTS—Continued

Highways—

Code No.			
5–D & 52	City and County Good Roads Fund	114,337.11	
7–A	Franchises, etc.	148,550.30	
99–C	Excavation Fund	19,954.85	
17	Fees (Engineer's Surveys)	24,712.00	
52	Inspection Fund	43,132.30	
	Interest on Special Assessment Bonds	2,582.37	
44–45	Miscellaneous Receipts	963.11	
102–A	Refunds: Auto License Board of Public Works	19.90	
4–A	Street Improvement	45,498.69	
	Street Work City Property	479.90	
4–A	Sundry Street Asst. Funds	16,434.57	416,665.10

Charities and Corrections—

59	City and County Hospital	778.15	
106	Widows' Aid	67,778.97	
106	Orphans' Aid	15,707.85	
64	Juvenile Court	5,940.47	
62	Prisoners en route	3,540.80	
56	Relief Home	1,206.93	
62–63	Miscellaneous	124.37	95,077.54

Recreation—

1–A	Taxes	381,028.86	
11-A 11-B	Donations	7,101.38	
69, 70, 71-2	Park Privileges	38,777.45	
69, 70, 71-2	Miscellaneous	2,421.99	
102–A	Refunds: Fourth of July Committee, $96.07; Auto licenses, $24.60; Park, outlay, $443.47	564.14	429,893.82

Education—

1–A	Taxes, School, County	1,469,188.34	
1–A	Taxes Library	108,799.47	
10–A	Apportioned State School	724,547.11	
67	Fines, Library	4,318.60	
102–A	Refunds: Schools, $168.10; Library, $163.65	331.75	

CLASSIFIED RECEIPTS—Continued

Education—Continued

Code No.			
8–B	Rents	98,731.15	
66, 67	Miscellaneous: Schools, $7,305.20; Library, $1,244.00	8,549.20	2,414,465.62

Municipal Water Works—

102–A	Refunds	487.47	
81	Rentals	6,492.14	
81	Miscellaneous	47.50	7,027.11

Miscellaneous Accounts—

77–C	Indemnity, Fidelity and Trust Co.	1,000.00	
20	Rental Recorder's Desks	570.00	
103–A	Sale of old "Hall of Records"	5,272.50	
76–B	Subscriptions, "Municipal Record"	903.50	7,746.00

Municipal Bond Funds—

2–D	Taxes, Interest on Bonds—from State	267,907.36	
1–A	Taxes, Interest on Bonds, Tax Levy	1,823,635.95	
1–A	Taxes, Redemption of Bonds, Tax Levy	1,382,360.67	
102–C	Accrued Interest	31,145.00	
97–A	Public Building Sales of Bonds	2,096,008.00	
102–A	Miscellaneous Receipts, Refund	287.49	5,601,344.47

Public Trust Funds—

9–C	Denman Medal Fund	150.00	
1–A	Taxes, Firemen's Relief Fund	108,832.42	
11–D & 23	Police Contributions, etc	23,927.53	
9–C	Robinson Bequest Interest Fund	2,000.00	
11–B	Spreckles-Murphy Deposit Fund	43,883.29	
9–C	Windel Bequest Interest Fund	800.00	179,593.24

Private Trust Funds—

(Moneys to be Refunded:)

99–B	Duplicate Tax Fund	6,373.14	
99–B	House Moving Funds	2,715.00	
99–B	Police Court Bail Money Account	795,130.00	
99–B	Special Badge Fund	185.00	
99–B	Special Deposit Fund	772,818.38	

CLASSIFIED RECEIPTS—Continued

Code No.			
Private Trust Funds—Continued			
99–B	Special Permit Fund	47,853.00	
99–B	Tearing Up Streets Fund	54,956.95	1,680,031.47
Municipal Railway Fund—			
89	Passenger Receipts	1,485,117.04	
9–B	Earned Interest on Investment	607.73	
102–A 89	Refunds: Advertising in cars..	19,358.22	
	Power supplied, insurance, wages, Etc. . .	2,114.75	
89	Sale of Material, etc.	3,875.56	1,511,073.30
Depreciation Fund—			
9–B	Earned Interest on Investment	21,500.50	21,500.50
Investment Fund—			
102–D	Accrued Interest	722.02	
100–B	Redemption Bonds	56,700.00	57,422.02
Tunnel Assessments—			
102–A	Refund: Unearned interest Twin Peaks Tunnel Interest	6,288.33	
4–A–1	Stockton St. Assessment	25,905.47	
4–A12	Stockton St. Interest	119.92	
4–A1	Twin Peaks Ridge Tunnel Assmt.	494,253.31	
102–C	Twin Peaks Ridge Tunnel Int.	33,294.86	
4–A1	Twin Peaks Ridge Tunnel Redemption	2,997.75	562,859.64
State of California— Including refunds of taxes $205.62, and $760.24 amounts drawn from various City Funds for support of inmates of State schools, inheritance taxes, etc., received for State and held by City and County Treasurer and paid to State Treasurer at regular settlement periods, May and December			
98 & 102–A	of each year	1,355,909.61	1,355,909.61
106	Undistributed receipts pending fixing of tax rates	1,167,198.58	1,167,198.58
	Grand Total of all Receipts		$24,571,951.78

RECAPITULATION.

TREASURY RECEIPTS.

Advertising Fund		$ 11,259.10
Auditorium Fund		32,391.56
Bequest Funds--		
Denman Medal, Interest	150.00	
Robinson Bequest, Interest	2,000.00	
Spreckles-Murphy Deposit Fund, Bequest and Rentals	44,127.89	
Stadium Special Fund, Balance of Contribution	698.36	
Windel Bequest, Interest	800.00	47,776.25
Bond Funds—		
Interest	1,854,780.95	
Public Building	2,102,675.88	
Redemption	1,382,648.16	5,340,104.99
Common School Fund		2,293,036.77
City and County Good Road Fund		114,337.11
General Fund, Fiscal Year 1915-1916		164,125.88
General Fund, Fiscal Year 1916-1917		9,133,862.76
Library Fund		114,525.72
Municipal Railway Fund		1,510,256.34
Municipal Ry. Depreciation Fund		21,500.50
Park Fund		428,411.32
Rebate Funds and Accounts		984,589.96
Relief Funds:—		
Firemen's Relief Fund	108,832.42	
Police Relief and Pension Fund	23,927.53	132,759.95
Special Inspection Fund		43,132.30
Street and Tunnel Assessment Funds		537,056.78
Street and Tunnel Redemption Funds		3,230.60
Street and Tunnel Interest Funds		41,593.89
Street Improvement Fund		45,498.69
Teachers' Institute Fund		632.00
Trust and Court Funds—		
Absent Creditors' Account	15.00	
Absent Heirs' Account	16,734.25	
County Clerk's Special Account	739,160.51	
Public Administrator's Account	16,908.62	772,818.38

RECAPITULATION—Continued

Unapportioned Fee Fund		269,656.22
Water Works Fund		6,492.14
State of California		1,355,703.99
		$23,404,753.20
Inheritance Taxes (undistributed)		103,508.34
Redemption of Property Sold to State (undistributed)		16,863.63
Tax Collector's Taxes (undistributed)		73,490.48
Tax Collector's Special Account (undistributed)		1,979.50
Assessor's Personal Property Taxes		971,356.63
		$24,571,951.78
Balances, July 1, 1916 in undistributed accounts	270,834.44	
Assessor's Account, distributed or apportioned	847,050.57	1,117,885.01
Total Cash Receipts		$23,454,066.77
Accounts distributed or apportioned (year 1916-1917)		14,247,593.37
Total Credits, excepting transfer entries		$37,701,660.14

SOURCES OF REVENUE.

Accrued Interest on Bond Sales	31,145.00
Advertising	11,259.10
Auditorium, Concerts and Organ Recitals	5,845.95
Apportionment of State Refund on Bonded Indebtedness	267,907.36
Bond Sales, including Premiums	2,096,008.00
Bequest and Contributed Funds	50,930.65
Bill Board Permits	287.00
Building Permits	25,457.00
City and County Good Roads Fund	114,337.11
Commission on Inheritance Taxes	3,000.00
Commission on Phone and Coin Boxes	66.96
Coroner, Money Found on decedents	640.84
Damages to City Property	639.97
Fines from Courts, Library and Police Officers	23,204.60
Franchise Percentages: Street Railroads and Corporations	166,158.85
Indemnity	1,000.00
Interest on Bank Deposits	100,364.32
Interest Earned on Bond Investments	22,108.23
Interest on Bequests	2,950.00
Licenses	1,163,558.50
Maintenance: City and County Charges in Hospitals, Orphanages, etc., being payments by State, Relatives, etc., towards maintenance	29,269.29
Municipal Railways: Passenger Receipts and Advertising in Cars	1,504,475.26
Park	37,777.45
Police Relief and Pension Fund,—Contributions, Cash and Rewards	22,922.88
Rebate Accounts	983,867.94
Refunds:	
Interest	10,284.31
Construction, Freight Bills, Labor, Wages, etc.	10,230.58
Rentals of Buildings, Lands & Privileges	149,087.91
Sales of Buildings, Land, Material, Power, etc.	29,398.52
Special Inspection Fund	43,132.30
State Apportionment to Schools	724,547.11

SOURCES OF REVENUE—Continued

State of California		1,354,258.02
Street Improvement Fund		45,498.69
Street Assessment Funds—Assessments		16,201.72
Street Assessment Redemption Funds—Redemptions		232.85
Taxes: City and County except Assessor's Collections 1917, not apportioned and State Refund on Bonded Indebtedness		12,683,441.50
Teachers' Institute Fund examination and Certificate Fees		632.00
Trust and Court Funds		772,818.38
Tunnel Assessment Funds—Assessments		520,158.78
Tunnel Assessment Interest Funds—Interest		32,723.19
Tunnel Assessment Redemption Funds—Redemptions		2,997.75
Unapportioned Fee Fund—Sundry Fees		269,656.22
Water Works Fund—Water Rentals		6,492.14
Widows' Pension Fund		67,778.97
Inheritance Taxes (undistributed)		103,508.34
Redemption of Property Sold to State (undistributed)		16,863.63
Tax Collector's Taxes (undistributed)		73,490.48
Tax Collector's Special Account (undistributed)		1,979.50
Assessor's Personal Property Taxes		971,356.63
		$24,571,951.78
Balances, July 1, 1916, in Undistributed Accounts	270,834.44	
Assessor's Accounts, distributed or apportioned	847,050.57	1,117,885.01
Total Cash Receipts		23,454,066.77
Accounts distributed or apportioned (year 1916-1917)		14,247,593.37
Total Credits, excepting Transfer Entries		37,701,660.14

TREASURY RECEIPTS

Advertising Fund—		
Board of Fire Commissioners	112.90	
Board of Supervisors	4,231.00	
Department of Public Works	6,915.20	11,259.10
Auditorium Fund—		
Concerts	2,001.45	
Organ Recitals	3,844.50	
Rentals	26,545.61	32,391.56
Bond Funds—		
Interest Accounts, 3½% Bonds, 1904:		
County Jail and Hall of Justice:		
Taxes	2,775.98	
Golden Gate Park Extension to Presidio:		
Taxes	7,634.70	
Library:		
Taxes	26,557.61	
Mission Park:		
Taxes	6,941.54	
Playground:		
Taxes	18,032.14	
School:		
Taxes	19,038.25	
Street:		
Taxes	16,699.20	
Hospital-Jail Bonds of 1913, 4½%:		
Taxes	42,467.40	
Accrued Interest	6,750.00	
Polytechnic High School Bonds of 1910, 4½%:		
Taxes	23,389.57	
Water Supply, Hetch Hetchy, Bonds of 1910, 4½%:		
Taxes	174,019.83	
Accrued Interest	24,395.00	
City Hall Bonds of 1912, 5%:		
Taxes	442,527.91	
Exposition Bonds of 1912, 5%:		
Taxes	231,200.53	

TREASURY RECEIPTS—Continued

Bond Fund—Interest Accounts—Continued		
Fire Protection Bonds of 1908, 5%:		
Taxes	254,274.84	
Garbage System Bonds of 1908, 5%:		
Taxes	28,409.86	
Hall of Justice Bonds of 1908, 5%:		
Taxes	38,040.82	
Hospital Bonds of 1908, 5%:		
Taxes	79,766.84	
School Bonds of 1908, 5%:		
Taxes	220,107.49	
Sewer Bonds of 1908, 5%:		
Taxes	191,751.44	1,854,780.95
Bond Funds, Public Buildings, from Sale of Bonds and Material; Rentals, etc.—		
Hospital-Jail Bonds of 1913, 4½%:		
Damage, Hall of Justice	37.00	
Sale of Bonds	450,000.00	
Premium	4,860.00	
Water Supply, Hetch Hetchy Bonds 1910, 4½%:		
Refund, Compensation Insurance	487.47	
Sale of Bonds	1,640,000.00	
Sale of Freeman's Report	12.00	
Sale of Lumber	30.00	
Premium	1,148.00	
City Hall Bonds, 1912, 5%:		
Rentals	49.70	
Sale of Hall of Records	5,272.50	
Municipal St. Ry., Bonds of 1913, 5%:		
Sale of Steel Rails	779.21	2,102,675.88
Bond Funds, Redemption Accounts—		
County Jail and Hall of Justice Bonds, 1904, 3½%:		
Taxes	17,342.28	
Golden Gate Park Extension to Presidio Bonds, 1904, 3½%:		
Taxes	8,324.58	

TREASURY RECEIPTS—Continued

Bond Funds—Redemption Accounts—Continued		
Library Bonds of 1904, 3½%:		
Taxes	40,919.77	
Mission Park Bonds, 1904, 3½%:		
Taxes	6,938.23	
Playground Bonds, 1904, 3½%:		
Taxes	18,035.44	
School Bonds, 1904, 3½%:		
Taxes	89,470.94	
Street Bonds, 1904, 3½%:		
Taxes	38,853.48	
Hospital-Jail Completion Bonds of 1913, 4½%:		
Taxes	100,713.66	
Polytechnic High School Bonds, 1910, 4½%:		
Taxes	25,039.05	
City Hall Bonds of 1912, 5%:		
Taxes	201,263.56	
Exposition Bonds, 1912, 5%:		
Taxes	202,489.63	
Fire Protection Bonds, 1908, 5%:		
Taxes	129,096.09	
Garbage System Bonds, 1908, 5%:		
Taxes	49,781.14	
Hall of Justice Bonds, 1908, 5%:		
Taxes	52,076.69	
Hospital Bonds, 1908, 5%:		
Taxes	100,827.27	
School Bonds, 1908, 5%:		
Taxes	202,281.12	
Sewer Bonds, 1908, 5%:		
Taxes	99,195.23	
		1,382,648.16
City and County Good Roads Fund—		
Motor Vehicle Licenses	111,837.85	
Payment by Southern Pacific Ry. Co.	2,499.26	114,337.11
Common School Fund—		
Taxes	1,469,188.34	
Damage to School Property	11.80	
Janitorial Service and Electricity	96.80	
Refunds on Licenses, Material, etc.	168.10	

TREASURY RECEIPTS—Continued

Common School Funds—Continued		
Rent of School Property	98,731.15	
Sales of Desks and Material	293.47	
State Apportionment:		
Elementary Schools 671,249.23		
High Schools 53,297.88	724,547.11	2,293,036.77
Denman Medal Fund—		
Interest		150.00
General Fund 1915-1916—		
Taxes	46,821.10	
Franchises, Street Railways	50,989.12	
Interest on Bank Deposits	16,474.42	
Refund on Machines, Recorder's Office	45.00	
State of California:		
Support of Orphans and Half Orphans	15,707.85	
Widows' Pensions	34,088.39	164,125.88
General Fund 1916-1917—		
Taxes	7,628,948.59	
Bill Board Permits	287.00	
Building Permits	25,457.00	
Coroner, Cash from decedents	640.84	
Fines:		
Police Courts:		
Dept. No. 1	3,917.00	
Dept. No. 2	6,156.00	
Dept. No. 3	4,887.00	
Dept. No. 4	3,411.00	
Superior Courts	265.00	
Franchises:		
Pacific Telephone and Telegraph Co.	88,013.12	
Sanitary Reduction Works	17,500.00	
S. F. Electric Protective Co.	8.55	
Street Railroads	9,548.06	

TREASURY RECEIPTS—Continued

General Fund, 1916-1917—Continued	
Fire Commissioners:	
Damage to Hydrants and Apparatus	145.07
Payment by U. S. Government for Power Supplied by Ft. Mason Pumping Station	353.80
Removal of Hydrant	120.90
Hospitals:	
City and County Hospital (including Tuberculosis):	
Commission on Phones	12.94
Maintenance	434.00
Maintenance from State of California, Tubercular Patients	5,661.54
Isolation Hospital, Maintenance	318.50
Salaries unclaimed, City and County Hospital and Tuberculosis Hospital	440.68
Sale of Material, City and County Hospital	330.21
Diploma	1.00
Indemnity paid by Fidel & Trust Co. of Maryland account city employee	1,000.00
Interest on Bank Deposits	83,889.90
Juvenile Court; Maintenance	5,940.47
Licenses	1,163,558.50
Recorder, Desk Rentals	570.00
Rent, City Property	22,046.85
Relief Home:	
Maintenance	1,206.93
Sale of Material	124.37
Refunds:	
Auto Licenses	19.90
Damage to Auto Patrol Wagon	200.00
Damage to Third St. Bridge	8.50
Electricity, Motion Pictures, etc.	23.70
Fourth of July Committee	96.07
Ford Automobile, Bd. of Health	.45

TREASURY RECEIPTS—Continued

General Fund, 1916-1917—Continued		
Fire Dept. to Board of Works, for furnishing galvanized iron drip pans	98.40	
Great Western Power Co.	32.65	
Juvenile Court, Taxes and Redemption of deeded Property	13.00	
Lincoln Park Construction	443.47	
Otis Elevator Co.	7.30	
Official Bonds	18.04	
Street Work, Front of City Property, Res. 13181	454.40	
Street Work, Hyde St.	25.50	
Supervisors, Photostating Letter	1.00	
Sheriff, Board of U. S. Prisoners	3,540.80	
State of California:		
Taxes Refunded, State's Portion, Sec. 3804	205.62	
Lunacy Commission, Examination of Insane	360.00	
Widows' Pensions	33,690.58	
Sales of Property by Mayor:		
Authorized by Resolutions 13106, 13077, 13019, 12881, 13272, 13347, 13760, 13844, 13839, 14031, 13840, 13843, 13792, and 14073, Buildings, Fire Engines, Horses, Wagons and Materials	14,005.19	
Sales, Board of Supervisors:		
Book of Ordinances	73.00	
Bion J. Arnold's Report	5.10	
Electric Power, Ft. Mason Pumping Station	1,389.84	
Engineer's Report on Water Supply	5.50	
Municipal Record	903.50	
Sales, Dept. Public Works:		
Cobbles	46.43	
Treasurer's Commission on Inheritance Taxes	3,000.00	9,133,862.76

TREASURY RECEIPTS—Continued

Library Fund—		
Taxes	108,799.47	
Books damaged or lost	207.75	
Fines, etc.	4,318.60	
Refund on Insurance	163.65	
Sale of Furniture	1,036.25	114,525.72
Municipal Railway Fund—		
Advertising in Cars	19,358.22	
Earned Interest on Bond Investment	607.73	
Passenger Receipts	1,485,117.04	
Refunds for Power Supplied, on Insurance, Wages, etc.	2,082.10	
Sale of Material, Brake Shoes, etc.	3,061.40	
Sundries: Broken Windows, Lost Keys, etc.	29.85	1,510,256.34
Municipal Railway Depreciation Fund—		
Earned Interest on Bond Investment		21,500.50
Park Fund—		
Taxes	381,028.86	
Beach Chalet	3,556.85	
Bequests:		
Panama-Pacific Exposition	2,349.00	
Mrs. A. D. Huntington	4,000.00	
Boat House Rent	300.00	
Children's Quarters	34,220.60	
Coin Boxes	54.02	
Japanese Tea Garden, Rent	600.00	
Material and Labor	993.79	
Shipment of Animals	262.50	
Refunds, Auto Licenses, etc	24.60	
Right of Way, United Railways Co.	100.00	
Sale of Animals and Material	921.10	428,411.32
Rebate Accounts—		
Duplicate Tax Fund—Duplicate and Overpayment of Taxes:		
Apportionment	6,373.14	
Excavation Fund:		
Corporation Permits to Open Trenches	19,954.85	

TREASURY RECEIPTS—Continued

Rebate Accounts—Continued		
House Moving Funds:		
Dept. of Electricity	615.00	
Dept. of Public Works	2,100.00	
Investment Fund No. 1:		
Redemption of Bonds	56,700.00	
Refund of Accrued Interest	722.02	
Police Court Bail Money Account:		
Bail Deposits	795,130.00	
Special Badge Fund:		
Deposit on Badges	185.00	
Special Permit Fund:		
Deposit for Sidewalk and Street Space	47,853.00	
Tearing Up Streets Fund:		
Permits, Side Sewer Openings	54,956.95	984,589.96
Relief Funds—		
Firemen's Relief Fund:		
Taxes	108,832.42	
Police Relief and Pension Fund:		
Contributions	22,234.00	
Cash (unclaimed) from Prisoners	503.88	
Fines of Officers	250.00	
Rewards of Officers	185.00	
Sales by Property Clerk	754.65	132,759.95
Robinson Bequest Interest Fund:		
Interest		2,000.00
Spreckles Murphy Deposit Fund:		
Bequest by Honora Sharp	43,883.29	
Rentals	244.60	44,127.89
Special Inspection Fund—		
Contractors' Fees		43,132.30
Street Assessment Funds—		
Circular Ave. Widening	15,065.22	
Orizaba St. Extension	3.00	
Saturn St. Extension	1,133.50	16,201.72

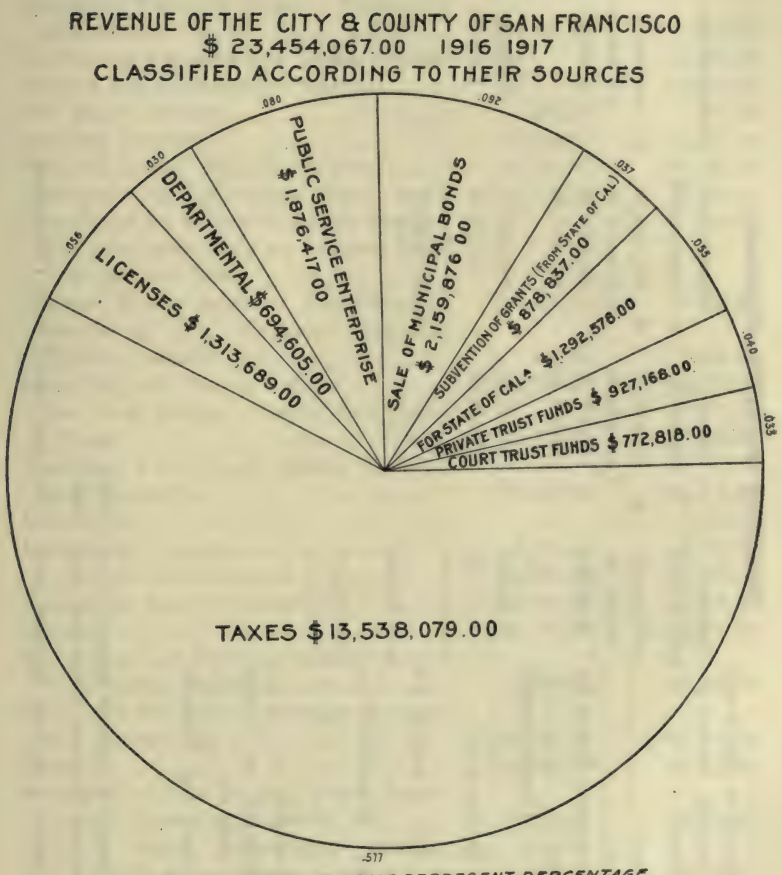
TREASURY RECEIPTS—Continued

Street Redemption Fund—		
Bright St. Extension	34.10	
Monticello St. Extension	69.90	
Orizaba St. Extension	82.05	
Ramsell St. Extension	46.80	232.85
Stockton St. Tunnel Assessment Fund—		
Assessments	25,905.47	
Refund of Advanced Earned Interest	119.92	26,025.39
Stockton St. Tunnel Assessment Interest Fund—		
Refund of Interest, Coupons 3 and 4	983.17	
Refund of Unearned Interest, Call No. 3	1,599.20	2,582.37
Stadium Special Fund—		
Balance of Contributions to erect Park Stadium		698.36
Street Improvement Fund—		
Assessment Installments		45,498.69
Twin Peaks Ridge Tunnel Assessment Fund—		
No. 1—Assessments	2,001.54	
Refund, City and County Attorney	4.69	
No. 2—Assessments	492,251.77	
Refund of Advanced Earned Interest	571.67	494,829.67
Twin Peaks Ridge Tunnel Assessment Interest Fund—		
Accrued Interest on $1,558,500.00—7% Bonds	32,723.19	
Refund of Unearned Interest on Coupons	6,288.33	39,011.52
Twin Peaks Ridge Tunnel Assessment Redemption Fund—		
Redemptions		2,997.75
Teachers' Institute Fund—		
Examination and Certificate Fees		632.00

TREASURY RECEIPTS—Continued

Trust and Court Funds—		
Absent Creditors' Account	15.00	
Absent Heirs' Account	16,734.25	
County Clerk's Special Account	739,160.51	
Public Administrator's Account	16,908.62	772,818.38
Unapportioned Fee Fund—		
Auditor	122.50	
Board of Health	1,177.00	
Board of Public Works	24,712.00	
Coroner	23.60	
County Clerk	88,921.82	
Department of Electricity	16,886.94	
Justices' Clerk	30,417.00	
Police Department, Detail	882.50	
Police Dept. Taximeter Inspection, Ordinance 1898	109.00	
Pound Keeper	2,139.65	
Recorder	74,863.70	
Registrar of Voters	1,396.13	
Sheriff	26,653.34	
State of California	1,346.04	
Treasurer	5.00	269,656.22
Water Works Fund—		
Water Rentals		6,492.14
Windel Bequest Fund—		
Interest		800.00
State of California—		
Taxes:		
Redemption, Property Sold, State	1,045.10	
Sale, Section 3771	380.60	
Tax Collector Back Taxes	20.27	
	1,445.97	
Excess Paid State Refund on Bonded Indebtedness	760.24	
Inheritance Taxes	1,286,871.37	
Maintenance of Minors:		
Feeble Minded, Glen Ellen	36,180.00	
California School for Girls	2,074.63	
Preston School of Industry	7,614.39	
Whittier Reform School	315.39	
Public School Teachers Permanent Fund	20,442.00	1,355,703.99
		$23,404,753.20

TREASURY RECEIPTS—Continued



TREASURY RECEIPTS—Continued

Amount apportioned or distributed to Funds through Journal Entry	Balance July 1, 1916	Gross Receipts	Distributed or Apportioned	Undistributed	
Assessor's Account	$817,440.61	$ 971,356.63	*$ 847,050.57	$ 941,746.67	$ 971,356.63
Inheritance Taxes	174,521.82	1,218,857.89	1,289,871.37	103,508.34	103,508.34
Redemption of Property Taxes Fd.	18,336.24	114,507.11	115,979.72	16,863.63	16,863.63
State Tax Refund		267,907.36	267,907.36		
Tax Collector's Unapportioned Taxes	75,799.38	11,722,298.45	11,724,607.35	73,490.48	73,490.48
Tax Collector's Special Acct.	2,177.00	1,979.50	2,177.00	1,979.50	1,979.50
Total Balance July 1, except Assessor's Acct.	$270,834.44		$14,247,593.37		$24,571,951.78
Assessor's Acct. Distributed or apportioned	847,050.57				$ 1,117,885.01
Total Cash Receipts					$23,454,066.77
Accounts Distributed or Apportioned (Year 1916-17)					$14,247,593.37
Total Credits excepting Transfer Entries					$37,701,660.14

NOTE:—

$817,440.61 Assessor's Account balance July 1, 1916.
29,609.96 Personal Property Collection July 1916.

*$847,050.57 Assessor's Account Balance July 1, 1916 and July 1, 1916 Collections.

COMPARATIVE TREASURY RECEIPTS, FISCAL YEARS

	1915-1916	1916-1917
Advertising Fund	$ 10,332.50	11,259.10
Accrued Interest on Bond Sales	26,323.55	31,145.00
Assessor's Personal Property Taxes, not apportioned	844,721.86	971,356.63
Auditorium Concerts and Organ Recitals		5,845.95
Bequest and Contributed Funds		50,930.65
Bill Board Permits	181.00	287.00
Building Permits	28,029.50	25,457.00
City and County Good Roads Fund	112,122.51	114,337.11
Commission on Inheritance Taxes, etc.	3,775.02	3,000.00
Commission on Phones and Coin Boxes		66.96
Commission from State on Personal Property and Poll Taxes	4.00	
Coroner, Money found on Decedents	387.20	640.84
Damages to City Property—Hydrants, Railway, Schools, etc.	447.79	639.97
Fees, City and County Offices	273,240.65	269,656.22
Fines, from Courts, Library and Police Officers	29,138.85	23,204.60
Franchise Percentages, Street Railroad and Corporation	143,587.32	166,158.85
Indemnities		1,000.00
Interest on Bequests	2,594.45	2,950.00
Interest on Bank Deposits	92,101.69	100,364.32
Interest on Bond Investments	24,038.25	22,108.23
Licenses	1,237,720.00	1,163,558.50
Maintenance of City and County Charges in Hospitals, Orphanages, etc.	51,846.42	29,269.29
Municipal Railways, Passenger Receipts and Advertising	1,989,087.86	1,504,475.26
Park	45,755.50	37,777.45
Police Relief and Pension Fund, Contributions, Cash and Rewards	23,308.56	22,922.88
Refunds, Bond Investment, Interest, Wages, Insurance, etc.	55,363.72	20,514.89
Refund from State on Bonded Indebtedness	140,288.30	267,907.36
Rent of Buildings, Land and Privileges	132,103.91	149,087.91
Robinson Bequest Fund, Transferred Investment, O. D. Baldwin	40,000.00	
Sale of Bonds	3,397,497.97	2,096,008.00

COMPARATIVE TREASURY RECEIPTS—Continued

Sales by Various Departments, of Land, Material, Power, etc.	12,222.47	29,398.52
State Apportionment to Schools	718,456.05	724,547.11
Special Inspection Fund	27,020.50	43,132.30
Street Improvement Fund	22,225.03	45,498.69
Street Assessment and Redemption Funds	918.09	16,434.57
Tax Collector's Special Account (see "Undistributed Accounts")	2,177.00	
Taxes, except State Refund on Bonded Indebtedness and Assessor's Collection not apportioned	12,179,022.70	12,683,441.50
Teachers' Institute Fund	582.00	632.00
Trust and Court Funds	161,856.22	772,818.38
Tunnel Assessment, Interest, and Redemption Funds	886,935.14	555,879.72
*Undistributed Accounts, except Assessor's Account	274,580.07	195,841.95
Water Rentals	6,056.89	6,492.14
Widows' Pension Fund	67,345.00	67,778.97
Miscellaneous: Payments by Corporations and Individuals for Sewer Construction, Crossings, Privileges, etc.	6.22	
	23,063,401.76	22,233,825.82
Rebate Funds and Accounts:		
Duplicate Tax and Overpayment of Taxes Fund	5,871.39	6,373.14
El Portal Way Sewer Fund	11,000.00	
Excavation Fund	12,282.70	19,954.85
House Moving Funds	2,675.00	2,715.00
Investment Fund	138,500.00	56,700.00
Police Court Bail Money Account	724,835.00	795,130.00

*Inheritance Taxes	$103,508.34	
Redemption of Property Sold to State	16,863.63	
Tax Collector's Unapportioned Taxes	73,490.48	
Tax Collector's Special Account	1,979.50	
	$195,841.95	

COMPARATIVE TREASURY RECEIPTS—Continued

Special Badge Fund	595.00	185.00
Special Permit Fund	51,214.00	47,853.00
Tearing up Streets Fund	67,067.12	54,956.95
	$24,077,441.97	$23,217,693.76
State of California	1,504,510.99	1,354,258.02
	25,581,952.96	24,571,951.78

RECAPITULATION OF TREASURY PAYMENTS

Demands Paid:		
Auditorium Fund		23,854.93
Bonds—		
Interest	2,309,907.00	
Public Building	2,964,587.73	
Redemption	1,279,087.49	6,553,582.22
Bequest Funds		6,251.50
City and County Good Roads Fund		126,096.58
Common School Fund		2,308,752.48
Court Funds		230,360.18
General Fund, 1915-16		1,222,140.89
General Fund, 1916-1917		8,595,661.46
Library Fund		120,445.69
Municipal Railway Fund (Operating Expenses)		1,030,621.50
Municipal Railway Accident Insurance Fund		140.80
Municipal Railway Depreciation Fund		12,132.40
Park Fund		412,142.91
Relief Funds		241,696.09
Rebate Funds and Accounts		1,992,778.87
Special Inspection Fund		66,210.00
Street Improvement Fund		43,853.16
Street Assessment Funds		288.50
Street Assessment Redemption Funds		54.70
Tunnel Assessment Funds		651,246.30
Tunnel Assessment Interest Funds		53,913.26
Teachers' Institute Fund		181.17
Unapportioned Fee Fund		12,961.05
Water Works Fund		7,184.97
State of California		1,350,542.90
Inheritance Tax Fund—		
(Cash disbursements)		27,799.80
Total Cash Payments		25,090,894.31
Am't apportioned or distributed through Journal entry from funds detailed under Treasury Payments		14,247,593.37
Total Debits, excepting Transfer Entries		$39,338,487.68

TREASURY PAYMENTS.

Auditorium Fund, Demands Paid—		
Miscellaneous	12,463.01	
Salary, Superintendent one year	2,400.00	
Salary, Organist, three months	2,499.99	
Expense, Concerts	4,123.18	
Refunds	2,368.75	23,854.93
Bonds—Interest, Demands Paid—		
County Jail and Hall of Justice—		
Issue of 1904, 3½%	2,740.50	
Golden Gate Park Extension to Presidio, Issue of 1904, 3½%	8,179.50	
Library, Issue of 1904, 3½%	45,853.50	
Mission Park, Issue of 1904, 3½%	7,281.75	
Playground, Issue of 1904, 3½%	18,620.00	
School, Issue of 1904, 3½%	20,627.25	
Excess of State Bond Refund	212.48	
Streets, Issue of 1904, 3½%	19,531.75	
Geary St. Railway, Issue of 1910, 4½%	78,007.50	
Hospital-Jail, Issue of 1913 4½%	71,617.50	
Market St. Railway, Issue of 1910, 4½%	3,037.50	
Polytechnic High School, Issue of 1910, 4½%	23,557.50	
Water Supply (Hetch Hetchy), Issue of 1910, 4½%	188,932.50	
Excess on State Bond Refund	260.27	
City Hall, Issue of 1912, 5%	439,400.00	
Exposition, Issue of 1912 5%	345,450.00	
Fire Protection, Issue of 1908, 5%	252,875.00	
Garbage, Issue of 1908, 5%	30,450.00	
Hall of Justice, Issue of 1908, 5%	39,250.00	
Hospital, Issue of 1908, 5%	82,900.00	
Municipal Railway, Issue of 1913, 5%	215,547.50	
School, Issue of 1908, 5%	225,325.00	
Sewer, Issue of 1908, 5%	190,250.00	2,309,907.00
Bonds—Public Building—Demands Paid—		
Library, Issue of 1904, 3½%	313,033.95	
Sewer, Issue of 1904, 3½%	42,723.60	
Hospital-Jail, Issue of 1913, 4½%	585,115.51	

TREASURY PAYMENTS—Continued

Bonds—Public Buildings, Etc.,—Continued		
Market St. Railway, Issue of 1910 4½%	2,078.50	
Polytechnic High School, Issue of 1910, 4½%	10,930.96	
Water Supply (Hetch Hetchy), Issue of 1910, 4½%	1,566,094.62	
City Hall, Issue of 1912, 5%	155,363.40	
Fire Protection, Issue of 1908, 5%	16,045.41	
Garbage System, Issue of 1908, 5%	11,686.48	
Municipal Street Railway, Issue of 1913, 5%	107,527.22	
School, Issue of 1908, 5%	34,498.35	
Sewer, Issue of 1908, 5%	119,489.73	2,964,587.73
Bonds—Redemption, Demands Paid—		
County Jail and Hall of Justice, Issue of 1904, 3½%	17,400.00	
Golden Gate Park Extension to Presidio, Issue of 1904, 3½%	8,200.00	
Library, Issue of 1904, 3½%	41,100.00	
Mission Park, Issue of 1904, 3½%	7,300.00	
Playground, Issue of 1904, 3½%	18,500.00	
Street, Issue of 1904, 3½%	40,500.00	
School, Issue of 1904, 3½%	89,800.00	
Excess on State Refund	287.49	
Geary St. Railway, Issue of 1910, 4½%	95,000.00	
Hospital-Jail Completion, Issue of 1910, 4½%	100,000.00	
Market St. Railway, Issue of 1910, 4½%	6,000.00	
Polytechnic High School, Issue of 1910, 4½%	25,000.00	
Exposition, Issue of 1912, 5%	200,000.00	
Fire Protection, Issue of 1908, 5%	130,000.00	
Garbage System, Issue of 1908, 5%	50,000.00	
Hall of Justice, Issue of 1908, 5%	50,000.00	
Hospital, Issue of 1908, 5%	100,00.00	
School, Issue of 1908, 5%	200,000.00	
Sewer, Issue of 1908, 5%	100,000.00	1,279,087.49

TREASURY PAYMENTS—Continued

Bequest Funds—Demands Paid:		
Robinson Bequest Interest Fund	2,000.00	
Spreckles-Murphy Deposit Fund	3,451.50	
Windel Bequest Interest Fund	800.00	6,251.50
Court Funds—Demands Paid:		
Absent Heirs' Account	403.22	
County Clerk's Special Account	225,487.21	
Public Administrator's Account	4,469.75	230,360.18
City and County Good Roads Fund—		
Demands Paid		126,096.58
Common School Fund—		
Demands Paid		2,308,752.48
General Fund 1915-1916—Demands Paid		1,222,140.89
General Fund, 1916-1917—		
Demands Paid		8,595,661.46
Library Fund—		
Demands Paid		120,445.69
Municipal Railway Depreciation Fund—		
Demands Paid		12,132.40
Municipal Railway Accident Insurance Fund—		
Demands Paid		140.80
Municipal Railway Fund—		
Demands Paid (Operating)		1,030,621.50
Park Fund—		
Demands Paid		412,142.91
Rebate Funds and Accounts—		
Demands Paid:		
Duplicate Tax Fund	5,106.02	
Excavation Fund	10,254.95	
House Moving Funds:		
Dept. of Electricity	555.65	
Dept. of Public Works	2,400.00	
Investment Fund, No. 1:		
Purchase of City & County Bonds	57,422.02	
Investment Fund, No. 2:		
Purchase of Liberty Bonds	1,000,000.00	

TREASURY PAYMENTS—Continued

Rebate Funds and Accounts—Continued		
Police Court Bail Money Account	800,345.00	
Special Badge Fund	185.00	
Special Permit Fund	55,248.00	
Tearing up Streets Fund	61,262.23	1,992,778.87
Relief Funds—Demands Paid:		
Firemen's Relief Fund	125,220.74	
Police Relief and Pension Fund	116,475.35	241,696.09
Special Inspection Fund—		
Demands Paid		66,210.00
Street Improvement Fund—		
Demands Paid		43,853.16
Street Assessment Funds—Demands Paid:		
Beverly St., Extension	25.30	
Bixley St., Extension	13.30	
Circular Ave., Widening Fund	210.00	
Orizaba St., Extension	13.30	
Ramsell St., Extension	13.30	
Victoria St., Extension	13.30	288.50
Street Assessment Redemption Funds—Demands Paid:		
Orizaba St. Extension		54.70
Tunnel Assessment Funds—		
Demands Paid:		
Stockton St. Tunnel Fund	45,685.87	
Twin Peaks Ridge Tunnel Fund, No. 1	239,988.76	
Twin Peaks Ridge Tunnel Fund, No. 2	365,571.67	651,246.30
Tunnel Interest Funds—		
Demands Paid:		
Stockton St. Tunnel	8,680.31	
Twin Peaks Ridge Tunnel	45,232.95	53,913.26
Teachers' Institute Fund—		
Demands Paid		181.17
Unapportioned Fee Fund—		
Demands Paid		12,961.05

TREASURY PAYMENTS—Continued

Water Works Fund—		
Demands Paid		7,184.97
State of California		
Taxes	20.28	
Tax on Collateral Inheritances	1,286,871.37	
Excess paid by State on Bonded Indebtedness Refund	760.24	
Maintenance:		
California School for Girls	1,790.78	
Preston School of Industry	6,565.18	
Sonoma State Home	33,365.00	
Whittier School	258.35	
Redemption of Property Sold State	1,045.10	
Sale of Property by State	380.60	
Public School Teachers' Permanent Fund—Bond Interest	2,200.00	
Public School Teachers' Permanent Fund	17,286.00	1,350,542.90
(Forward)		$25,063,094.51

AMOUNTS APPORTIONED OR DISTRIBUTED TO FUNDS THROUGH JOURNAL ENTRY

	Gross Payments	Amount Apportioned or Distributed	Cash Payments	
Forwarded				$25,063,094.51
Assessor's Account	$ 847,050.57	$ 847,050.57		
Inheritance Taxes	1,317,671.17	1,289,871.37	$27,799.80	$ 27,799.80
Total Cash Payments				$25,090,894.31
Redemption of Property Taxes Fund	115,979.72	115,979.72		
State Tax Refund	267,907.36	267,907.36		
Tax Collector's Unapportioned Taxes Fund	11,724,607.35	11,724,607.35		
Tax Collector's Special Account	2,177.00	2,177.00		
Apportioned or Distributed Accounts		$14,247,593.37		$14,247,593.37
Total Debits Excepting Transfer Entries				$39,338,487.68

BALANCE

Cash on hand July 1, 1916	10,525,701.09
Receipts during Fiscal Year 1916-1917	23,454,066.77
	$33,979,767.86
Payments during Fiscal Year 1916-17 (Including Investment Fund No. 2, purchase of Liberty Bonds)	$25,090,894.31
Balance June 30, 1917	$ 8,888,873.55

CASH IN THE TREASURY OF THE CITY AND COUNTY OF SAN FRANCISCO, JUNE 30, 1917

Bond Funds—		
Interest	962,595.99	
Public Building	3,397,763.70	
Redemption	1,375,427.17	5,735,786.86
Auditorium Fund		10,087.47
City and County Good Roads Fund		103,599.96
Common School Fund		90,850.07
Firemen's Relief Fund		307.51
General Fund, 1915-1916		98,088.80
General Fund, 1916-1917		717,953.28
Investment Fund		200,000.00
Inheritance Tax Fund		75,708.54
Library Fund		35,587.88
Municipal Railway Fund		281,502.17
Municipal Railway Accident Insurance Fund		64,046.06
Municipal Railway Depreciation Fund		292,679.12
Park Fund		58,013.05
Police Relief and Pension Fund		2,373.05
Teachers' Institute Fund		2,268.74
Trust and Court Funds		593,126.86
Unapportioned Fee Fund		25,548.34
Water Works Fund		1,689.35
Rebate Funds and Accounts, Bequests, and Assessment Funds		451,900.45
Unapportioned Accounts		1,034,080.28
State of California		13,675.71
		$ 9,888,873.55
Less Investment No. 2 for Purchase of Liberty Bonds		1,000,000.00
		$ 8,888,873.55

CONDITION OF TREASURY JUNE 30, 1917.

Cash on hand June 30th, 1917, at credit of following Funds and Accounts:

CITY AND COUNTY FUNDS

Bond Funds—		
Interest Accounts:		
County Jail and Hall of Justice Bonds of 1904, 3½%	1,541.14	
Golden Gate Park Extension to Presidio Bonds of 1904, 3½%	4,288.96	
Library Bonds of 1904, 3½%	6,603.02	
Mission Park Bonds of 1904, 3½%	3,710.79	
Playground Bonds of 1904, 3½%	9,185.47	
School Bonds of 1904, 3½%	9,563.92	
Street Bonds of 1904, 3½%	8,753.24	
Geary Street Railway Bonds of 1910, 4½%	42,269.05	
Hospital-Jail Completion Bonds of 1913, 4½%	18,177.66	
Market St. Railway Bonds of 1910, 4½%	1,530.00	
Polytechnic High School Bonds of 1910, 4½½	12,538.85	
Water Supply, Hetch Hetchy, Bonds of 1910, 4½%	170,614.84	
City Hall Bonds of 1912, 5%	221,972.50	
Exposition Bonds of 1912, 5%	5,577.12	
Fire Protection Bonds of 1908, 5%	136,973.29	
Garbage System Bonds of 1908, 5%	17,616.34	
Hall of Justice Bonds of 1908, 5%	19,300.82	
Hospital Bonds of 1908, 5%	38,909.15	
Municipal St. Ry. Bonds of 1913, 5%	21,012.65	
School Bonds of 1908, 5%	109,527.56	
Sewer Bonds of 1908, 5%	102,929.62	962,595.99
Bond Funds—Public Building—		
Library Bonds of 1904, 3½%	5,230.22	
Sewer Bonds of 1904, 3½%	11,799.22	
Geary St. Railway Bonds of 1910, 4½%	209.75	
Hospital-Jail Completion Bonds of 1913, 4½%	555,415.30	

CONDITION OF TREASURY—Continued

Bond Funds—Public Buildings—Continued		
Market St. Ry. Bonds of 1910, 4½%	4,074.91	
Polytechnic High School Bonds of 1910, 4½%	3,047.01	
Water Supply, Hetch Hetchy, Bonds of 1910, 4½%	2,453,423.95	
City Hall Bonds of 1912, 5%	7,635.89	
Fire Protection Bonds of 1908, 5%	10,593.40	
Garbage System Bonds of 1908, 5%	239,801.66	
Municipal St. Ry. Bonds of 1913, 5%	103,633.84	
School Bonds of 1908, 5%	2,247.21	
Sewer Bonds of 1908, 5%	651.34	3,397,763.70
Bond Funds—Redemption Accounts:		
County Jail and Hall of Justice Bonds of 1904, 3½%	18,223.73	
Golden Gate Park Extension to Presidio Bonds of 1904, 3½%	8,677.65	
Library Bonds of 1904, 3½%	42,172.31	
Mission Park Bonds of 1904, 3½%	6,898.68	
Playground Bonds of 1904, 3½%	18,612.50	
School Bonds of 1904, 3½%	91,789.31	
Sewer Bonds of 1904, 3½%	4,693.70	
Street Bonds of 1904, 3½%	40,797.26	
Geary St. Ry. Bonds of 1910, 4½%	95,000.00	
Hospital-Jail Completion Bonds of 1913, 4½%	1,954.09	
Polytechnic High School Bonds of 1910, 4½%	123.53	
Market St. Railway Bonds of 1910, 4½%	6,000.00	
City Hall Bonds of 1912, 5%	201,263.56	
Exposition Bonds of 1912, 5%	201,835.91	
Fire Protection Bonds of 1908, 5%	129,168.46	
Garbage System Bonds of 1908, 5%	51,188.42	
Hall of Justice Bonds of 1908, 5%	52,191.91	
Hospital Bonds of 1908, 5%	101,986.28	
Sewer Bonds of 1908, 5%	98,634.93	
School Bonds of 1908, 5%	204,214.94	1,375,427.17
Auditorium Fund		10,087.47
Common School Fund		90,850.07
City and County Good Roads Fund		103,599.96

CONDITION OF TREASURY—Continued

Firemen's Relief Fund		307.51
General Fund, 1915-1916		98,088.80
General Fund 1916-1917		717,953.28
Investment Fund		200,000.00
Inheritance Tax Fund		75,708.54
Library Fund		35,587.88
Municipal Ry. Accident Insurance Fund		64,046.06
Municipal Ry. Depreciation Fund		292,679.12
Municipal Ry. Fund		281,502.17
Park Fund		58,013.05
Police Relief and Pension Fund		2,373.05
Rebate Accounts and Funds, Bequest and Assessment Funds—		
Arch St. Extension Assessment Fund	73.32	
Arch St. Redemption Fund	131.17	
Bixby St. Extension Assessment Fund	80.64	
Bixby St. Redemption Fund	93.75	
Beverly St. Extension Assessment Fund	103.87	
Beverly St. Extension Redemption Fund	90.49	
Bright St. Extension Assessment Fd.	81.65	
Bright Street Extension Redemption Fund	135.09	
Circular Ave. Widening Assessment Fund	14,855.22	
Denman Medal Fund	542.92	
Duplicate Tax Fund	19,981.67	
El Portal Way Sewer Fund	36.00	
Excavation Fund	28,067.84	
Head St. Extension Assessment Fd.	94.86	
Head St. Redemption Fund	217.35	
House Moving Funds:		
Dept. of Public Works	100.00	
Dept. of Electricity	1,829.16	
Monticello St. Extension Assessment Fund	81.92	
Monticello St. Redemption Fund	113.57	
Overpayment Corporation Taxes Fd	156.64	
Orizaba St. Extension Assessment Fund	82.04	
Orizaba St. Redemption Fund	211.66	

CONDITION OF TREASURY—Continued

Rebate Accounts and Funds, Etc.,—Contined		
Polk St. Regrade Assessment Fund	464.45	
Police Court Bail Money Account	27,644.50	
Ralston St. Extension Assessment Fd	80.66	
Ralston St. Redemption Fund	178.57	
Ramsell St. Extension Assessment Fd	94.48	
Ramsell St. Redemption Fund	338.75	
Robinson Bequest Fund	250.00	
Spreckels-Murphy Special Deposit Fd	40,676.39	
Special Inspection Fund	6,883.90	
Saturn St. Extension	1,133.50	
Special Permit Fund	24,942.75	
Special Badge Fund	1,194.00	
Stadium Special Fund	698.36	
Street Improvement Fund	1,811.65	
Stockton St. Tunnel Assessment Fd..	61.54	
Stockton Street Tunnel Assessment Interest Fund	4,860.28	
Stockton St. Tunnel Assessment Redemption Fund	314.84	
Tearing up Streets Fund	6,688.26	
Twin Peaks Ridge Tunnel, Assessment Fund No. 1	109,663.82	
Twin Peaks Ridge Tunnel Assessment Fund No. 2	12,113.21	
Twin Peaks Ridge Tunnel Assessment Interest Fund	111,460.61	
Twin Peaks Ridge Tunnel Redemption Fund	31,806.25	
Vernon St. Extension Assessment Fd	70.82	
Vernon St. Extension Redemption Fd	253.37	
Victoria St. Extension Assessment Fd	92.51	
Victoria Street Extension Redemption Fund	298.69	
Vulcan St. Extension Ass't Fund.....	43.37	
Windel Bequest Fund	220.09	
Windel Bequest Interest Fund	400.00	451,900.45
Teachers' Institute Fund		2,268.74
Trust and Court Funds:		
Absent Heirs' Account	16,850.19	
Absent Creditors' Account	25.50	
County Clerk's Special Account	553,767.77	
Public Administrator's Account	22,483.40	593,126.86

CONDITION OF TREASURY—Continued

Unapportioned Fee Fund		25,548.34
Water Works Fund		1,689.35
Unapportioned Accounts:		
Assessor's Account	941,746.67	
Redemption of Property Sold to State Account	16,863.63	
Tax Collector's Special Account	1,979.50	
Tax Collector's Taxes Account	73,490.48	1,034,080.28
Total City and County Funds		9,875,197.84
State of California		13,675.71
		9,888,873.55
Less Investment Fund No. 2 for Purchase of Liberty Bonds		1,000,000.00
		$8 888,873.55

TRANSFER ENTRIES—FISCAL YEAR ENDED JUNE 30, 1917.

Total Transfers — Permanent and Temporary	$16,160,593.43	$16,160,593.43

PERMANENT

Unapportioned Fee Fund	20,025.05	
To General Fund		20,025.05
Being apportionment of Fees for month of June, 1916.		
General Fund 1915-1916	19,255.95	
To Firemen's Relief Fund		9,579.96
To Police Relief and Pension Fund—to pay pensions		9,675.99
Sundries to General Fund 1916-1917		267,309.59
Advertising Fund — Annual transfer	11,260.10	
General Fund 1915-1916	16,474.42	
Bank interest received July, 1917		
P. B. Municipal By. Bond Fd.—Authorized by Resolution No. 14661.	2,517.66	
Unapportioned Fee Fund—Apportionment of Fees received in 1916-1917.	237,057.41	
General Fund 1916-1917 to Sundries	87,557.61	
City and County Good Roads Fund (direction Finance Committee)		1,000.00
Police Relief and Pension Fund—Percentage of Licenses $59,747.00		
Police Court Fines 4,592.75		64,339.75
P. B. City Hall Bond Fund Res. No. 13077		2,185.00
P. B. Fire Protection Bond Fund Res. No. 13667 and 14373		9,032.86
Special Inspection Fund Res. No. 13456		7,000.00
Stockton St. Tunnel Ass't Fund Res. No. 13391		4,000.00

TRANSFER ENTRIES—Continued

Bond Funds—		
Interest Funds:		
The following Transfer Entries, for Redemption of Bonds and Interest Coupons.		
Geary Ry. Interest Fund	3,015.00	
To Market St. Ry. Interest Fund		3,015.00
Hospital Bond Interest Fund, 1904	112.54	
To Hospital Bond Interest Fund 1908		112.54
Mission Park Bond Interest Fund 1904	30.84	
To Mission Park Bond Redemption Fd., 1904		30.84
Water Supply Bond Fund, 1909	1,027.07	
To Hetch Hetchy Bond Interest Fund, 1910		1,027.07
Sewer Bond Interest Fund, 1908	1,362.45	
To Sewer Bond Redemption Fund, 1908		1,362.45
Public Building Funds—		
Public Building Fire Protection 5% Bond Fund, 1908	579.43	
To Public Bldg. Sewer 5% Bond Fund, 1908		579.43
Res. 13667 and 14373.		
The Following Transfer Entries for Consolidation of Funds:		
Public Bldg. Street 3½% Bond Fund 1904	2,108.87	
To Street Bond Interest Fund		2,108.87
Public Bldg. Hospital 5% Bond Fd. 1908	16.50	
To Public Bldg. Hospital-Jail Completion Bond Fd., 1913		16.50
Redemption Funds—		
The following Transfer Entries for Consolidation of Funds:		
County Jail and Hall of Justice 3½% Bond Redemption Fd 1904	15.82	
To County Jail and Hall of Justice 3½% Bond Interest Fund, 1904		15.82

TRANSFER ENTRIES—Continued

Redemption Funds—Continued		
Hospital 3½% Bond Redemption Fund, 1908	.15	
To Hospital 5% Bond Redemption Fund, 1908		.15
Water Supply Redemption 4½% Bond Fund, 1909	1,473.13	
To Hetch Hetchy Bond Interest Fund, 1910		1,473.13
Municipal Railway Fund to Sundries	534,393.07	
Geary St. Ry. 4½% Bond Interest Fund, 1910		78,502.50
To pay Interest Coupons		
Market St. Ry. 4½% Bond Interest Fund, 1910		1,552.50
To pay Interest Coupons		
Municipal Railway Bond Interest Fund, 1913		175,000.00
To pay Interest Coupons		
Municipal Ry. Accident Ins. Fund		17,455.52
Regular transfers for Liability Compensation		
Municipal Ry. Depreciation Fund		261,882.55
18% of Passenger Receipts		
Municipal Ry. Accident Ins. Fd.	2,413.30	
To Municipal Ry. Fund		2,413.30
Paid out for injuries to employes to Dec. 31, 1916, Res. 13993.		
Municipal Railway Depreciation Fund to Sundries	153,536.12	
Geary St. Ry. 4½% Bond Redemption Fund, 1910		95,000.00
Redemption of Bonds.		
Market St. Ry. 4½% Bd. Redemption Fund, 1910		6,000.00
Redemption of Bonds Res. 14450.		
Municipal Railway Fund		52,536.12
For Injuries and Damages from Dec. 28, 1912 to Dec. 31, 1916. Res., 14323, 14324 $40,426.83		

TRANSFER ENTRIES—Continued

Municipal Railway Depreciation Fund—Continued		
For Betterments and Improvements from June 30, 1916 to Dec. 31, 1916, Res. 14323	12,109.29	
Stockton St. Tunnel Assessment Fund	5,165.97	
To Stockton St. Tunnel Int. Fd.		5,165.97
Collection of interest		
Stockton St. Tunnel Interest Fund	3,000.00	
To Stockton St. Tunnel Assm't Fd.		3,000.00
Res. 13225		
Twin Peaks Tunnel Interest Fund (Res. 13758 and 14231)	200,780.00	
To Twin Peaks Tunnel Assessment Fund No. 1		200,780.00
Twin Peaks Ridge Tunnel Assessment Fund No. 1 to Sundries	994.60	
Collection of Interest, Advertising and duplicate payments		
Twin Peaks Ridge Tunnel Int. Fd.		380.22
Duplicate Tax Fund		613.38
Advertising Fund		1.00
Twin Peaks Ridge Tunnel Assessment Fund, No. 2	130,480.00	
To Twin Peaks Tunnel Int. Fund.		130,480.00
Collection of Interest		
Unapportioned Fee Fund	969.00	
To Police Relief and Pension Fund.		969.00
Total Permanent Transfers	$ 1,435,622.06	$ 1,435,622.06

TEMPORARY TRANSFERS

LOAN TRANSFERS

Assessor's Account	800,000.00	
To Loan Transfer Account		800,000.00
Loan Transfer Account to Sundries	3,642.500.00	
Common School Fund		235,000.00
Firemen's Relief Fund		52,500.00
General Fund		3,210,000.00
Park Fund		145,000.00
Public Building Funds—		
Public Bldg. Water Supply Hetch Hetchy 4½% Bond Fd., 1910	2,524,571.37	
To Firemen's Relief Fund		20,000.00
To Loan Transfer Account		2,500,000.00
To Police Relief and Pension Fd.		4,571.37
Public Bldg. Hospital and Jail Completion 4½% Bond Fund, 1913	400,000.00	
To Loan Transfer Account		400,000.00
Temporary Transfers (other than loan transfers)	7,367,071.37	7,367,071.37
Common School Fund	1,200.00	
To General Fund, 1916-17		1,200.00
General Fund, 1916-1917	1,200.00	
To Common School Fund		1,200.00
	2,400.00	2,400.00

TRANSFER LOANS RETURNED

Common School Fund	235,000.00	
To Loan Transfer Account		235,000.00
Firemen's Relief Fund to Sundries	65,500.00	
Pub. Bldg. Hetch Hetchy Water Bond Fund		13,000.00
Loan Transfer Account		52,500.00
General Fund	3,210,000.00	
To Loan Transfer Account		3,210,000.00

TRANSFER LOANS RETURNED—Continued

Loan Transfer Account to Sundries	3,700,000.00	
Assessor's Account		800,000.00
Public Building Funds:		
Water Supply, Hetch Hetchy, 4½% Bond Fund, 1910		2,500,000.00
Hospital and Jail Completion 4½% Bond Fund, 1913		400,000.00
Park Fund	145,000.00	
To Loan Transfer Account		145,000.00
	7,355,500.00	7,355,500.00

PROOF

Only Funds, Whose Cash on Hand is Affected, are Indicated.

FUNDS	Cash on Hand July 1, 1916	Receipts and Transfers	Disbursements and Transfers	Cash on Hand June 30, 1917
Advertising Fund		11,259.10		
Transfers		1.00	11,260.10	
General Fund 1915-1916	$1,171,809.13	164,125.88	1,222,140.89	98,088.80
Transfers		20,025.05	35,730.37	
General Fund 1916-1917		9,133,862.76	8,595,661.46	717,953.28
Transfers		267,309.59	87,557.61	
Bond Funds—Public Building:				
City Hall Bond Fund, 1913	155,492.09	5,322.20	155,363.40	7,635.89
Transfers		2,185.00		
Fire Protection Bond Fund, 1908	18,185.38		16,045.41	10,593.40
Transfers		9,032.86	579.43	
Hospital Bond Fund, 1908	16.50			
Transfers			16.50	
Hospital-Jail Bond Fund, 1913	685,617.31	454,897.00	585,115.51	555,415.30
Transfers		16.50		
Hetch Hetchy Bond Fund, 1910	2,389,412.47	1,641,677.47	1,566,094.62	2,453,423.95
Transfers			11,571.37	
Municipal Railway Bond Fund, 1913	212,899.51	779.21	107,527.22	103,633.84
Transfers			2,517.66	
Sewer Bond Fund, 1908	119,561.64		119,489.73	651.34
Transfers		579.43		
Street Bond Fund, 1904	2,108.87			
Transfers			2,108.87	

PROOF—Continued

	Cash on Hand July 1, 1916	Receipts and Transfers	Disbursements and Transfers	Cash on Hand June 30, 1917
Interest Funds:				
County Jail and Hall of Justice Bond Interest Fund, 1904	1,489.84	2,775.98	2,740.50	1,541.14
Transfers		15.82		
Geary St. Railway Bond Interest Fund, 1910	44,789.05		78,007.50	42,269.05
Transfers		78,502.50	3,015.00	
Hetch Hetchy Water Bond Interest Fund, 1910	158,892.58	198,414.83	189,192.77	170,614.84
Transfers		2,500.20		
Hospital Bond Interest Fund, 1908	41,929.77	79,766.84	82,900.00	38,909.15
Transfers		112.54		
Hospital Bond Interest Fund, 1904	112.54			
Transfers			112.54	
Market St. Railway Bond Interest Fund, 1910			3,037.50	1,530.00
Transfers		4,567.50		
Municipal Railway Bond Interest Fund, 1913	61,560.15		215,547.50	21,012.65
Transfers		175,000.00		
Mission Park Bond Interest Fund, 1904	4,081.84	6,941.54	7,281.75	3,710.79
Transfers			30.84	
Sewer Bond Interest Fund, 1908	102,790.63	191,751.44	190,250.00	102,929.62
Transfers			1,362.45	
Water Supply Interest Fund, 1909	1,027.07			
Transfers			1,027.07	
Street Bond Interest Fund, 1904	9,476.92	16,699.20	19,531.75	8,753.24
Transfers		2,108.87		

Redemption Funds:				
County Jail and Hall of Justice Bond Redemption Fund, 1904	18,297.27	17,342.28	17,400.00	18,223.73
Transfers			15.82	
Geary St. Bond Redemption Fund, 1910	95,000.00		95,000.00	95,000.00
Transfers		95,000.00		
Hospital Bond Redemption Fund, 1904	.15			
Transfers			.15	
Hospital Bond Redemption Fund, 1908	101,158.86	100,827.27	100,000.00	101,986.28
Transfers		.15		
Market St. Bond Redemption Fund, 1910	6,000.00		6,000.00	6,000.00
Transfers		6,000.00		
Mission Park Bond Redemption Fund, 1904	7,229.61	6,938.23	7,300.00	6,898.68
Transfers		30.84		
Sewer Bond Redemption Fund, 1908	98,077.25	99,195.23	100,000.00	98,634.93
Transfers		1,362.45		
Water Supply Redemption Fund, 1909	1,473.13			
Transfers			1,473.13	
City and County Good Roads Fund	114,359.43	114,337.11	126,096.58	103,599.96
Transfers		1,000.00		
Duplicate Tax Fund	18,101.17	6,373.14	5,106.02	19,981.67
Transfers		613.38		
*Firemen's Relief Fund	115.87	108,832.42	125,220.74	307.51
Transfers		16,579.96		
Municipal Railway Fund	281,310.98	1,510,256.34	1,030,621.50	281,502.17
Transfers		54,949.42	534,393.07	
Municipal Railway Accident Insurance Fund	49,144.64		140.80	64,046.06
Transfers		17,455.52	2,413.30	

PROOF—Continued

	Cash on Hand July 1, 1916	Receipts and Transfers	Disbursements and Transfers	Cash on Hand June 30, 1917
Municipal Railway Depreciation Fund	174,964.59	21,500.50	12,132.40	292,679.12
Transfers		261,882.55	153,536.12	
**Police Relief and Pension Fund	15,364.76	23,927.53	116,475.35	2,373.05
Transfers		79,556.11		
Special Inspection Fund	22,961.60	43,132.30	66,210.00	6,883.90
Transfers		7,000.00		
Stockton St. Tunnel Interest Fund	8,792.25	2,582.37	8,680.31	4,860.28
Transfers		5,165.97	3,000.00	
Stockton St. Tunnel Assessment Fund	17,887.99	26,025.39	45,685.87	61.54
Transfers		7,000.00	5,165.97	
Twin Peaks Ridge Tunnel Assessment Fund No. 1	147,860.95	2,006.23	239,988.76	109,663.82
Transfers		200,780.00	994.60	
Twin Peaks Ridge Tunnel Assessment Fund No. 2	15,341.44	492,823.44	365,571.67	12,113.21
Transfers			130,480.00	
Twin Peaks Ridge Tunnel Interest Fund	187,601.82	39,011.52	45,232.95	111,460.61
Transfers		130,860.22	200,780.00	
Unapportioned Fee Fund	26,904.63	269,656.22	12,961.05	25,548.34
Transfers			258,051.46	
	$6,589,201.68	$16,240,234.40	$17,128,944.94	$5,700,491.14

*The amount of $20,000.00 was transferred from the P. B. Hetch Hetchy Bond Fund as a temporary loan to the Firemen's Relief Fund; $13,000.00 of the amount was returned to the P. B. Hetch Hetchy Bond Fund during the fiscal year 1916-17, leaving a balance of $7,000.00 due the Hetch Hetchy Bond Fund.

**The amount of $4,571.37 was transferred from the P. B. Hetch Hetchy Bond Fund as a temporary loan to the Police Relief and Pension Fund. This amount is still due the P. B. Hetch Hetchy Bond Fund, having not been returned during the fiscal year 1916-17.

TREASURER IN CASH ACCOUNT WITH AUDITOR FOR MONEY BELONGING TO THE STATE OF CALIFORNIA, FISCAL YEAR 1916-1917

Dr.		Cr.	
To Amount Paid State Treasurer	$1,350,337.28	By Cash on Hand July 1, 1916	$ 8,514.62
To State's Portion Refunded Taxes	205.62	By Inheritance Taxes	1,286,871.37
To Balance on June 30th, 1917	13,675.71	By Excess Received on State Refund on Bonded Indebtedness as of Nov. 8, 1910	760.24
		By Maintenance of Juveniles:	
		California School for Girls	2,074.63
		Home of Feeble Minded	36,180.00
		Preston School of Industry	7,614.39
		Whittier Reform School	315.39
		By Redemption of Property Sold State	1,045.10
		By Public School Teachers' Permanent F'd:	
		Contributions $18,242.00	
		Earned Interest on Bonds, $44,000.00, 5% Fire Protection 2,200.00	20,442.00
		By Sales, Sec. 3771 Political Code	380.60
		By Taxes	20.27
	$1,364,218.61		$1,364,218.61

PUBLIC MONEYS OF THE CITY AND COUNTY OF SAN FRANCISCO ON DEPOSIT IN BANKS

Subject to Withdrawal on Demand of Treasurer

Rate of Interest, 2% per annum. Bonds of the United States, State of California, and City and County of San Francisco held as security

Amounts Included in Treasurer's Cash on Hand

City or Town	Name of Bank	Amount
Alameda	Alameda National	$ 11,250.00
"	Alameda Savings	45,000.00
Auburn	Auburn Savings	9,000.00
"	First National	3,790.00
Berkeley	First National	50,500.00
"	South Berkeley	12,500.00
Calistoga	Calistoga National	5,500.00
Campbell	Bank of Campbell	3,500.00
Chico	Butte County National	18,000.00
Concord	Bank of Concord	7,500.00
Crescent City	Del Norte County Bank	5,500.00
Dixon	First National	7,125.00
Durham	Commercial Bank	9,000.00
Ferndale	Ferndale Bank	10,000.00
Ft. Bragg	First National	23,750.00
Ft. Jones	Scott Valley Bank	15,000.00
Fresno	First National	27,000.00
"	Union National	16,950.00
Folsom	Bank of Folsom	12,500.00
Healdsburg	First National	6,750.00
"	Healdsburg National	9,000.00
"	Healdsburg Savings	5,500.00
Livermore	First National	10,500.00
"	Farmers' and Merchants'	9,650.00
"	Livermore Savings	10,350.00
"	Livermore Valley Savings	5,500.00
Loleta	Bank of Loleta	4,000.00
Lompoc	Bank of Lompoc	7,500.00
Napa	First National	5,500.00
Nevada City	Citizens' Bank of Nevada City	27,250.00
Oakland	Central Savings Bank of Oakland	26,250.00
"	The Bank of Commerce of Oakland	7,500.00
"	First Savings Bank of Oakland	30,000.00
Orange	Security Savings Bank	10,500.00
Palo Alto	First National	7,500.00
Petaluma	Petaluma National	40,000.00
"	Petaluma Savings	19,500.00
"	The California Savings	21,000.00
"	Sonoma County National	50,000.00

City or Town	Name of Bank	Amount
Petaluma	Swiss American	14,000.00
Pittsburg	Contra Costa County Bank	7,500.00
Placerville	A. Mierson Banking Co.	12,500.00
Pacific Grove	Bank of Pacific Grove	10,000.00
Placentia	Placentia Savings Bank	5,450.00
Sacramento	California National	37,000.00
"	California Savings	15,000.00
"	National Bank of D. O. Mills & Co.	27,150.00
"	The Sacramento Bank	101,700.00
San Francisco	Anglo California Trust Co.	118,875.00
" "	Anglo & London Paris National	300,000.00
" "	American National	96,300.00
" "	Bank of California, N. A.	210,000.00
" "	Donohoe Kelly Banking Co.	49,000.00
" "	First Federal Trust Co.	277,250.00
" "	French American Bank of Savings	175,000.00
" "	First National Bank	200,000.00
" "	Bank of Italy	416,500.00
" "	Italian American	157,000.00
" "	Mercantile National	260,000.00
" "	Merchants' National	263,500.00
" "	The Mission Bank	26,250.00
" "	Portuguese American	66,000.00
" "	Seaboard National	67,500.00
" "	Union Trust Co.	332,812.50
" "	Wells Fargo Nevada National	525,000.00
San Luis Obispo	Union National	4,500.00
San Mateo	National Bank of San Mateo	22,500.00
San Pedro	First National	7,750.00
Santa Rosa	Santa Rosa National	28,000.00
Salinas	Monterey County Bank	7,500.00
"	Salinas City Bank	20,000.00
St. Helena	Savings Bank of St. Helena	12,500.00
Sebastopol	First National	18,880.00
Sonora	First National	34,000.00
Stockton	Commercial and Savings	33,750.00
"	San Joaquin Valley National	100,000.00
Suisun	First National	17,000.00
Santa Paula	Farmers' and Merchants'	12,000.00
Tomales	Bank and Trust Co.	18,000.00
Turlock	People's State	6,900.00
Vallejo	Vallejo Commercial	22,500.00
Valley Ford	Dairymen's	13,000.00
Walnut Creek	San Ramon Valley Bank	12,750.00
Wheatland	Farmers' Bank	12,900.00
		$4,782,832.50

STATEMENT OF TAXES FOR FISCAL YEAR 1916-1917

TAX COLLECTOR IN ACCOUNT WITH AUDITOR

Dr.		Cr.	
To Real Estate Taxes, 1916, non operative, City and County	$11,136,689.04	By Cash Paid City and County Treasurer, Account of non-operative Taxes and Penalties	$11,712,528.42
To Personal Property Taxes, 1916, City and County	658,167.55	By Property Sold to the State for Taxes for Previous Years	31,235.26
To Penalties Collected on non-operative Taxes, 1916	19,028.93	By Property Sold to the State for Taxes for Year 1916	63,899.65
To Additional Charge to Correct Personal Property Rolls	1,533.81	By Property Withdrawn from Sale, Sec. 3806, P. C.	1,690.88
		By Partial Payments (amounts still due)	35.98
		By Taxes Cancelled by Assessor, Sec. 3881, P. C.	11.65
		By Taxes Cancelled by Auditor, Sec. 3805, P. C.	758.42
		By Taxes Cancelled by Auditor, Sec. 3804A, P. C.	257.00
		By Overcharge in Real Estate, Vol. 14	.02
		By Delinquent Unsecured Personal Property Taxes, non-operative City and County	5,002.05
	$11,815,419.33		$11,815,419.33

SUMMARY OF PROPERTY TAXES AND PENALTIES COLLECTED BY TAX COLLECTOR AND PAID INTO TREASURY DURING THE FISCAL YEAR 1916-17

	Taxes	Penalties	Total
1916—On City and County Real Estate and Personal Property	$11,693,499.49	$19,028.93	$11,712,528.42
1915—On City and County Real Estate and Personal Property	1,729.59	273.13	2,002.72
1914—On City and County and State Real Estate and Personal Property	82.85	16.49	99.34
1913—On City and County and State Real Estate and Personal Property	2.62	.52	3.14
1910—On City and County and State Real Estate and Personal Property	89.52	11.19	100.71
1909—On City and County and State Real Estate and Personal Property	1.00	.13	1.13
1906—On City and County and State Real Estate and Personal Property	3.24	.40	3.64
1905—On City and County and State Real Estate and Personal Property	2.98	.37	3.35
	$11,695,411.29	$19,331.16	$11,714,742.45

ADDITIONAL AMOUNTS COLLECTED BY TAX COLLECTOR DURING FISCAL YEAR 1916-1917

Costs	$ 1,344.00
Duplicate and overpayment of Taxes	6,212.00
Sales for State of California	1,979.50

TUNNEL ASSESSMENTS, INTEREST, COSTS, ETC., COLLECTED BY TAX COLLECTOR DURING FISCAL YEAR 1916-1917

Twin Peaks Ridge Tunnel	$ 497,251.06
Stockton Street Tunnel	25,905.47

APPORTIONMENT OF TAXES FOR FISCAL YEAR 1916-1917

Dr.		Cr.	
To Amount of Costs Collected by the Collector and Apportioned to General Fund During 1916-17	$ 1,485.00	By Bond Funds—	
To City and County Portion of Property Sold under Sec. 3771 P. C.	2,177.00	Interest Accounts:	
To Redemption of Property Sold to State (City and County and State)	115,979.72	County Jail and Hall of Justice 3½%..	$ 2,775.98
To Amount from State under Chapter 335 Statutes of 1911 for Principal and Interest on Bonded Indebtedness created and outstanding prior to Nov. 8th, 1910	267,907.36	Golden Gate Park Extension to Presidio 3½%	7,634.70
To Taxes and Penalties Collected in June 1916 by Tax Collector, and apportioned in Fiscal Year 1916-17	74,487.62	Library 3½%	26,557.61
To Duplicate Taxes, by Journal distribution	6,373.14	Mission Park 3½%	6,941.54
		Playground 3½%	18,032.14
		School 3½%	19,038.25
		Street 3½%	16,699.20
		Polytechnic High School 4½%	23,389.57
		Hospital-Jail Completion 4½%	42,467.40
		Water Supply, Hetch Hetchy, 4½%	174,019.83
		City Hall 5%	442,527.91
		Exposition 5%	231,200.53
		Fire Protection 5%	254,274.84
		Garbage System 5%	28,409.86
		Hall of Justice 5%	38,040.82
		Hospital 5%	79,766.84
		School 5%	220,107.49
		Sewer 5%	191,751.44
		Redemption Accounts:	
		County Jail and Hall of Justice 3½%..	17,342.28

To Taxes and Penalties non-operative collected by Tax Collector and apportioned during Fiscal Year 1916-17		
Amount	$11,714,742.45	
*Less	72,480.86	11,642,261.59
To Taxes on unsecured Personal Property, Collected by Assessor		847,050.57
*Amount of Taxes and Penalties Collected in June, 1916, paid to Treasurer and apportioned to the fiscal year 1917-18	72,480.86	
		$12,957,722.00

Golden Gate Park Extension to Presidio 3½%	8,324.58
Library 3½%	40,919.77
Mission Park 3½%	6,938.23
Playground 3½%	18,035.44
School 3½%	89,470.94
Street 3½%	38,853.48
Hospital-Jail 4½%	100,713.66
Polytechnic High School 4½%	25,039.05
City Hall 5%	201,263.56
Exposition 5%	202,489.63
Fire Protection 5%	129,096.09
Garbage System 5%	49,781.14
Hospital 5%	100,827.27
Hall of Justice 5%	52,076.69
School 5%	202,281.12
Sewer 5%	99,195.23
Common School Fund	1,469,188.34
Duplicate Tax Fund	6,373.14
General Fund 1916-17	7,628,948.59
General Fund, 1915-1916	46,821.10
Library Fund	108,799.47
Park Fund	381,028.86
Firemen's Relief Fund	108,832.42
State of California	1,445.97
	$12,957,722.00

REPORT OF LICENSES FOR FISCAL YEAR ENDING JUNE 30, 1917.

No.	Object	Amount
4,835	Apartment Houses	$ 14,677.00
30	Assayers	330.00
8	Advertisers	80.00
33	Auctioneers	3,300.00
15	Ball and Ring Games	75.00
3	Baseball	225.00
279	Public Baths	1,186.00
4,381	Billiard and Pool Tables	17,524.00
6	Bill Posters	2,500.00
137	Bowling Alleys	685.00
64	Custom House Brokers	700.00
1,071	Real Estate Brokers	5,775.00
280	Merchandise Brokers	1,870.00
456	Stock and Investment Brokers	3,521.00
56	Carpet Cleaning	560.00
10	Circus	755.00
48	Concerts	240.00
5	Concert Halls	505.00
61	Concealed Weapons	183.00
484	Dance Halls	3,630.00
6,575	Dog Tags	9,862.50
653	Duplicate Tags	326.50
62	Dyeing and Cleaning	456.00
132	Exhibitions	741.00
13	Electrical Fixtures	1,300.00
218	Electrician Masters	2,180.00
9	Express	90.00
4	Gas Regulators	40.00
25	Guides	250.00
1	Guide Badge	2.50
2,414	Hotels	9,857.00
11	House Moving	275.00
178	Intelligence	2,848.00
8	Itinerant Vendors	400.00
1,285	Junk Dealers	1,571.00
989	Laundries	6,614.00
4	Light and Power	8.00
7,584	Liquor Retail	948,000.00
522	Liquor—One Day	5,220.00
305	Livery Stables	1,220.00

No.	Object	Amount
2,073	Lodging Houses	6,219.00
82	Mercantile and Collection	915.00
9	Merry-go-round	90.00
1	Nickel-in-the-slot	2.00
1	Out Door Park	200.00
296	Panarama and Kinetoscopes	7,400.00
182	Pawnbrokers	5,642.00
1,447	Peddlers' Tags	8,682.00
545	Peddlers (Free)	
15	Petroleum Storage	150.00
1	Patent Chimneys	125.00
11	Railroad Stage Agents	110.00
4,407	Restaurants	15,063.00
7	Riding Academies	28.00
211	Runners and Solicitors	2,110.00
84	Slaughterers	1,239.50
1,265	Second Hand Dealers	2,510.00
52	Shooting Galleries	395.00
307	Transfer Delivery	1,535.00
13	Theatres	3,138.00
43	Towel Companies	258.00
122	Warehouses	1,970.00
40	Water Companies	1,325.00
561	Auto Passenger Vehicles	2,001.75
2	Cabs	3.00
2,640	Cars Street Passenger	9,900.00
429	Driver Badges	429.00
2	Hacks	5.00
3,825	Single Wagons	5,851.25
3,118	Double Wagons	7,855.00
436	Double Trucks	2,185.75
175	Four Horse Trucks	1,751.75
2,908	Auto Trucks, less one ton	7,413.50
776	Auto Trucks, less two tons	3,909.75
493	Auto Trucks, over two tons	4,973.75
647	Jitney, Class A	6,470.00
116	Jitney, Class B	2,035.00
3	Jitney, Class C	85.00
		$1,163,558.50

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING, FISCAL YEAR ENDING JUNE 30th, 1917

FUNDS AND ACCOUNTS	Demands Outstanding June 30, 1916	Demands Audited 1916-1917	Total	Demands Paid 1916-1917	Demands Outstanding Demands Cancelled June 30, 1917
Bond Funds—Interest:					
Auditorium Fund	$ 738.03	$ 26,404.90	27,142.93	23,854.93	3,288.00
3½% County Jail and Hall of Justice, 1904		2,740.50	2,740.50	2,740.50	
3½% Golden Gate Park Extension to Presidio, 1904		8,179.50	8,179.50	8,179.50	
3½% Library, 1904		45,853.50	45,853.50	45,853.50	
3½% Mission Park, 1904		7,281.75	7,281.75	7,281.75	
3½% Playground, 1904		18,620.00	18,620.00	18,620.00	
3½% School, 1904		20,839.73	20,839.73	20,839.73	
3½% Street, 1904		19,531.75	19,531.75	19,531.75	
4½% Geary St. Ry, 1910		78,007.50	78,007.50	78,007.50	
4½% Hospital Jail Completion 1913		71,617.50	71,617.50	71,617.50	
4½% Market St. Ry., 1910		3,037.50	3,037.50	3,037.50	
4½% Polytechnic High School, 1910		23,557.50	23,557.50	23,557.50	
4½% Water Supply (Hetch Hetchy), 1910		189,192.77	189,192.77	189,192.77	
5% City Hall, 1912		439,400.00	439,400.00	439,400.00	
5% Exposition, 1912		345,450.00	345,450.00	345,450.00	
5% Fire Protection, 1908		252,875.00	252,875.00	252,875.00	

5% Garbage System, 1908		30,450.00	30,450.00	30,450.00		
5% Hall of Justice, 1908		39,250.00	39,250.00	39,250.00		
5% Hospital, 1908		82,900.00	82,900.00	82,900.00		
5% Municipal St. Ry., 1913		215,547.50	215,547.50	215,547.50		
5% School, 1908		225,325.00	225,325.00	225,325.00		
5% Sewer, 1908		190,250.00	190,250.00	190,250.00		
Public Building:						
3½% Library, 1904	368.00	312,996.17	313,364.17	313,033.95		330.22
3½% Sewer, 1904	18,263.94	24,459.66	42,723.60	42,723.60		
4½% Geary St. Ry., 1910	2.50		2.50			2.50
4½% Hospital-Jail, 1913	28,219.32	559,801.32	588,020.64	585,115.51		2,905.13
4½% Market St. Ry., 1910	2,078.50		2,078.50	2,078.50		
4½% Polytechnic High School, 1910		11,378.16	11,378.16	10,930.96		447.20
4½% Water Supply (Hetch Hetchy), 1910	20,630.66	1,625,185.42	1,645,816.08	1,566,094.62	187.15	79,534.31
5% City Hall, 1912	12,868.95	142,593.75	155,462.70	155,363.40		99.30
5% Fire Protection, 1908	96.40	16,281.23	16,377.63	16,045.41	21.40	310.82
5% Garbage System, 1908	112.50	11,596.48	11,708.98	11,686.48		22.50
5% Hospital, 1908	16.50		16.50			16.50
5% Municipal St. Ry., 1913	2,265.41	107,363.21	109,628.62	107,527.22		2,101.40
5% School, 1908	10.00	35,522.05	35,532.05	34,498.35		1,033.70
5% Sewer, 1908	118,599.66	1,114.57	119,714.23	119,489.73		224.50
Redemptions:						
3½%County Jail and Hall of Justice, 1904		17,400.00	17,400.00	17,400.00		

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING—Continued

FUNDS AND ACCOUNTS	Demands Outstanding June 30, 1916	Demands Audited 1916-1917	Total	Demands Paid 1916-1917	Demands Cancelled	Demands Outstanding June 30, 1917
3½% Golden Gate Park Extension to Presidio, 1904		8,200.00	8,200.00	8,200.00		
3½% Library, 1904		41,100.00	41,100.00	41,100.00		
3½% Mission Park, 1904		7,300.00	7,300.00	7,300.00		
3½% Playground, 1904		18,500.00	18,500.00	18,500.00		
3½% School, 1904		90,087.49	90,087.49	90,087.49		
3½% Sewer, 1904						
3½% Streets, 1904		40,500.00	40,500.00	40,500.00		
4½% Geary St. Ry., 1910		95,000.00	95,000.00	95,000.00		
4½% Hospital-Jail Completion 1913		100,000.00	100,000.00	100,000.00		
4½% Market St. Ry., 1910		6,000.00	6,000.00	6,000.00		
4½% Polytechnic High School, 1910		25,000.00	25,000.00	25,000.00		
5% Exposition, 1912		200,000.00	200,000.00	200,000.00		
5% Fire Protection, 1908		130,000.00	130,000.00	130,000.00		
5% Garbage System, 1908		50,000.00	50,000.00	50,000.00		
5% Hall of Justice, 1908		50,000.00	50,000.00	50,000.00		
5% Hospital, 1908		100,000.00	100,000.00	100,000.00		
5% School, 1908		200,000.00	200,000.00	200,000.00		
5% Sewer, 1908		100,000.00	100,000.00	100,000.00		

Bequest Funds:						
Robinson Bequest Interest Fund		2,000.00	2,000.00	2,000.00		
Spreckels-Murphy Deposit Fd.....		3,783.00	3,783.00	3,451.50		331.50
Windel Bequest Interest Fd.....		800.00	800.00	800.00		
City and County Good Roads Fund..	1,909.32	126,029.51	127,938.83	126,096.58		1,842.25
Common School Fund	61,785.45	2,298,345.03	2,360,130.48	2,308,752.48	196.95	51,181.05
General Fund, 1915-1916	759,143.34	482,480.85	1,241,624.19	1,222,140.89	1,505.29	ab 17,978.01
General Fund 1916-1917		9,211,740.26	9,211,740.26	8,595,661.46	1,834.73	ab 614,244.07
Inheritance Taxes Fund		1,317,671.17	1,317,671.17	27,799.80		cd 1,289,871.37
Library Fund	5,952.11	121,634.22	127,586.33	120,445.69		7,140.64
Municipal St. Railway Fund.....	86,640.51	1,037,515.58	1,124,156.09	1,030,621.50	80.00	93,454.59
Municipal St. Ry. Accident Insurance Fund		172.90	172.90	140.80		32.10
Municipal St. Ry. Depreciation Fd...		12,218.70	12,218.70	12,132.40		86.30
Park Fund	40,492.72	418,291.76	458,784.48	412,142.91		46,641.57
Relief Funds:						
Firemen's Relief Fund	9,695.83	119,614.41	129,310.24	125,220.74	250.00	3,839.50
Police Relief and Pension Fd.....	25,040.75	105,446.10	130,486.85	116,475.35		14,011.50
Rebate Funds:						
Duplicate Tax Fund	550.19	5,049.43	5,599.62	5,106.02	4.58	489.02
Excavation Fund	723.80	10,348.55	11,072.35	10,254.95		817.40
House Moving Funds:						
Dept. of Electricity	73.15	482.50	555.65	555.65		
Dept. of Public Works.....	200.00	2,320.00	2,520.00	2,400.00	120.00	
Investment Fund No. 1		57,422.02	57,422.02	57,422.02		
Investment Fund No. 2		1,000,000.00	1,000,000.00	1,000,000.00		

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING—Continued

FUNDS AND ACCOUNTS	Demands Outstanding June 30, 1916	Demands Audited 1916-1917	Total	Demands Paid 1916-1917	Demands Cancelled	Demands Outstanding June 30, 1917
Police Court Bail Money Acct....	5,675.00	797,755.00	803,430.00	800,345.00		3,085.00
Special Badge Fund	10.00	175.00	185.00	185.00		
Special Permit Fund	3,320.00	53,583.00	56,903.00	55,248.00		1,655.00
Tearing up Streets Fund	4,455.17	60,025.84	64,481.01	61,262.23	76.40	3,142.38
Special Inspection Fund	2,917,65	69,273.55	72,191.20	66,210.00		5,981.20
Street Improvement Fund		43,853.16	43,853.16	43,853.16		
Street Assessments:						
Sundry St. Assessment Fds.....		288.50	288.50	288.50		
Street Assessment Redemption Fund:						
Sundry St. Redemption Funds....		54.70	54.70	54.70		
Surplus Fund.....		69,240.70	69,240.70			69,240.70
Teachers' Institute Fund.....	2.50	181.17	183.67	181.17		2.50
Trust and Court Funds:						
Absent Heirs' Account.....		403.22	403.22	403.22		
County Clerk's Special Account	55.00	241,648.05	241,703.05	225,487.21		16,215.84
Public Administrator's Account		4,469.75	4,469.75	4,469.75		
Tunnel Funds:						
Stockton St. Tunnel Assessment Fund		45,685.87	45,685.87	45,685.87		
Stockton St. Tunnel Interest F'd		8,725.40	8,725.40	8,680.31		45.09

FUNDS AND

Payments by Transfers
11,260.1(
5,547.9(
1,489.1(
16,793.8
35,730.3
87,557.6
534,393.0
155,949.4
5,165.9

Twin Peaks Ridge Tunnel Assessment Fund	2,415.29	605,294.32	607,709.61	605,560.43	56.25	2,092.93
Twin Peaks Tunnel Interest F'd		45,232.95	45,232.95	45,232.95		
Unapportioned Fee Fund	1,157.75	13,267.05	14,424.80	12,961.05	15.00	1,448.75
Water Works Fund	252.00	7,773.40	8,025.40	7,184.97		840.43
	1,216,737.90	24,863,988.03	$26,080,725.93	$23,740,351.41	$4,347.75	$2,336,026.77
Assessor's Account				847,050.57		
State of California		9,467.00		1,350,542.90		
Total Payments and Audits		24,873,455.03		25,937,944.88		

ab Demands 7463 ($32.90) and 7464 ($16.52) amounting to $49.42, paid out of General Fund 1916-1917, should have been paid out of Auditorium Fund. Correction of Treasury Entry made on General Fund 1915-1916 reduces true payments by $49.42 and increases payments of General Fund 1916-1917 by $49.42.

Demands 4331 ($3.00), 4386 ($66.00), 4410 ($1,100.25) amounting to $1,169.25 paid out of General Fund 1916-1917 instead of General Fund 1915-1916 increases General Fund 1916-1917 payments by $1,169.25 and reduces General Fund 1915-1916 payments by $1,169.25.

ab The apparent outstandings on General Fund 1915-1916 are reduced by $1,218.67 to $16,759.34 and the apparent outstandings on General Fund 1916-1917 are increased by $1,218.67 to $615,462.74, the correct outstandings.

Demand 1500 for $5,075.01 charged against General Fund 1915-1916 as $5,075.00 increases payments by .01 and reduces the apparent outstandings to $16,759.33, the correct outstandings.

cd The sum of $27,799.80 under Payments represents cash disbursements for appraisers' fees, etc., paid out of the Inheritance Taxes Fund.

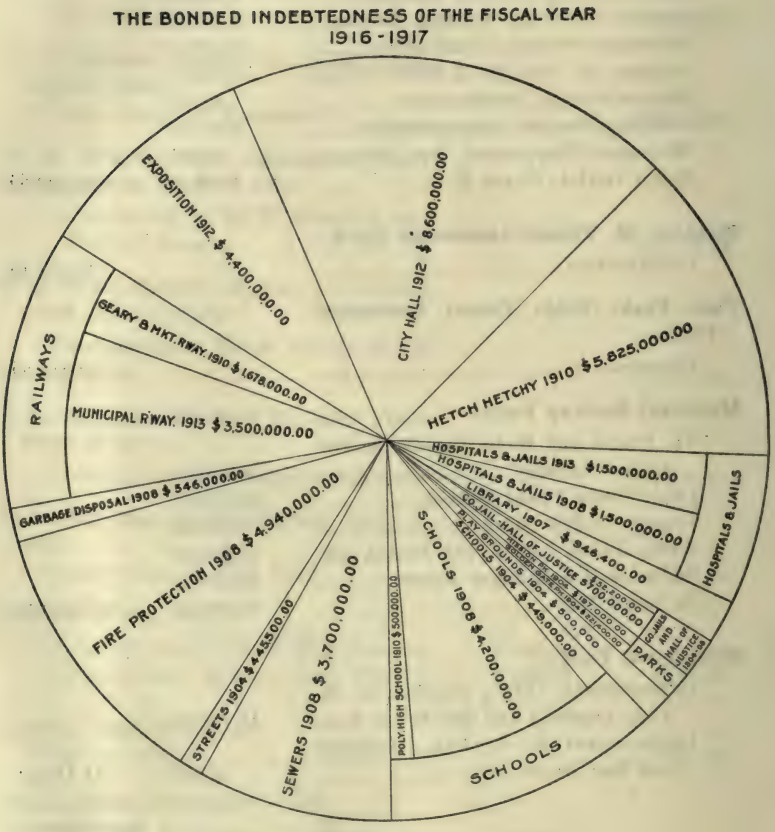
cd The sum of $1,289,871.37 was debited against Inheritance Taxes Fund and credited to State of California account through distribution journal entry as shown at the end of "Treasury Payments." The amount is included in payments out of State of California account, thus eliminating the apparent outstandings.

OUTSTANDING BALANCES ON CONTRACTS CERTIFIED BY AUDITOR, FISCAL YEAR ENDING JUNE 30, 1917

P. B. Library 3½% Bond Fund, Issue of 1904—		
Construction of S. F. Library		3,315.00
P. B. Sewer 3½% Bond Fund, Issue of 1904—		
Construction of Sewers		10,361.11
P. B. Garbage System 5% Bond Fund, Issue of 1908—		
Construction of Incinerator		126,322.23
P. B. Hospital-Jail Completion 4½% Bond Fund, Issue of 1913—		
Construction of S. F. Hospital and Hall of Justice		401,763.89
P. B. Hetch Hetchy (Water) 4½% Bond Fund, Issue of 1910—		
Construction of Hetch Hetchy Water System		576,131.30
P. B. Municipal Railway 5% Bond Fund, Issue of 1913—		
Construction of Municipal Railways		89,696.25
P. B. City Hall 5% Bond Fund, Issue of 1912—		
Construction of City Hall		4,421.45
Common School Fund—		
Irving M. Scott School, Fire Escapes	2,498.00	
Junipero Serra School, Yard Work	3,999.00	6,497.00
General Fund 1913-1914—		
Paving Brick		1,421.60
General Fund 1915-1916—		
City Hall, Stationary Furniture	2,456.00	
Daniel Webster School, Construction	4,834.10	
Engine No. 17, Construction	400.00	
Esplanade Sec. A, Construction	1,875.65	
Oakdale Ave. Sewer, Construction	3,486.00	13,051.75

OUTSTANDING BALANCES ON CONTRACTS—Continued

General Fund 1916-1917—		
Civic Center, Cutting Granite	1,999.58	
City Hall, Well and Casing	1,400.00	
Civic Center Plaza, Coping	4,000.00	
Daniel Webster School, Construction	26,506.75	
Fixtures, etc., Election Booths	1,800.00	
Canvas Covering, Election Booths	1,600.00	
Fairmount School, Construction	94,472.50	
Jackson St. Pier No. 3, Sewer Outlet	7,700.00	
Monroe School, Construction	287.00	
Pumping Station, Commercial St.	2,871.00	
Richmond Playground, Iron Fence	770.00	
Sewer Outlet, Pierce St.	1,830.00	145,236.83
Stockton St. Tunnel Assessment Fund—		
Construction		99,345.48
Twin Peaks Ridge Tunnel Assessment Fund—		
Construction		79,316.86
Municipal Railway Fund—		
Tie Plates and Rods, Church St. Municipal Railway	12,505.15	
Cable, Twin Peaks Tunnel	38,228.37	
Copper Trolley Wire	6,181.68	
Rails, Track Joints, Tie Plates, etc.	72,754.50	
Automobile Passenger Busses	29,550.00	
Railroad Ties	18,480.00	177,699.70
Good Roads Fund—		
Improvement, City's Portion, R. R. Ave., Ingerson and San Bruno Ave.	11,000.00	
Improvement R. R. Ave., Hollister and San Bruno Ave.	113.61	11,113.61
		$1,745,694.06


THE BONDED INDEBTEDNESS OF THE FISCAL YEAR
1916-1917
CITY HALL 1912 $ 8,600,000.00
HETCH HETCHY 1910 $5,825,000.00
HOSPITALS & JAILS 1913 $1,500,000.00
HOSPITALS & JAILS 1908 $1,500,000.00
LIBRARY 1907 $ 946,400.00
CO. JAIL-HALL OF JUSTICE $750,000.00
PLAY GROUNDS 1908 $ 500,000
SCHOOLS 1904 $ 449,000.00
HOSPITALS & JAILS
PARKS
SCHOOLS 1908 $4,200,000.00
POLY. HIGH SCHOOL 1910 $ 500,000.00
SCHOOLS
SEWERS 1908 $ 3,700,000.00
STREETS 1904 $ 445,500.00
FIRE PROTECTION 1908 $ 4,940,000.00
GARBAGE DISPOSAL 1908 $ 546,000.00
MUNICIPAL R'WAY. 1913 $ 3,500,000.00
GEARY & MKT. R'WAY. 1910 $ 1,678,000.00
RAILWAYS
EXPOSITION 1912 $ 4,400,000.00

, 1917.

ned D Year 917	Bonds Outstanding June 30, 1917	Due to be Redeemed as of July 2, 1917	Bonds Outstanding as of July 2, 1917	Annual Redemption	Serial Maturity
County 400	$ 69,600	$ 17,400	$ 52,200	$ 17,400	1905-1920
Golden 200	229,600	8,200	221,400	8,200	1905-1944
Hospit					
Librar 100	987,500	41,100	946,400	41,100	1905-1944
Missio 300	204,400	7,300	197,100	7,300	1905-1944
Playgr 500	518,000	18,500	499,500	18,500	1905-1944
School 800	538,800	89,800	449,000	89,800	1905-1922
Sewer					
Street 500	486,000	40,500	445,500	40,500	1905-1928
Fire E 000	5,070,000	130,000	4,940,000	130,000	1916-1955
Garba 000	588,000	42,000	546,000	50,000	1911-1930
Hall o 000	750,000	50,000	700,000	50,000	1912-1931
Hospit 000	1,600,000	100,000	1,500,000	100,000	1913-1932
School 000	4,400,000	200,000	4,200,000	200,000	1914-1938
Sewer 000	3,800,000	100,000	3,700,000	100,000	1915-1954
Hospit 000	1,500,000		1,500,000	100,000	1916-1932
Water					
Polyte 000	500,000		500,000	25,000	1914-1937
Geary 000	1,710,000	95,000	1,615,000	95,000	1915-1934
Marke 000	69,000	6,000	63,000	6,000	1915-1934
Water	5,825,000		5,825,000	1,000,000	1920-1964
City H	8,800,000	200,000	8,600,000	200,000	1917-1960
Expos 000	4,600,000	*200,000	4,400,000	200,000	1915-1939
Munic	3,500,000		3,500,000	100,000	1918-1952
T 800	$45,745,900	$1,345,800	$44,400,100		

17	$54,044,700
be redeemed July 2, 1917	9,644,600
ly 2, 1917	$44,400,100

Note:
* Due

Bonds of July 1, 1904. 3½%.

Municipal Bonds Name of Bonds	No. of Ordinance Under Which Bonds Were Issued	Bonds Issued Face Value	Date of Sale	Items of Amount	Bonds Redeemed	Outstanding Face Value	Falling Due 12 Months After Mar. 1, 1911
*County Jail and			Mar. 2, 1905	$ 261,000	6 redemptions at $17,400		
Hall of Justice	1114 and 1401	$ 278,400	Mar. 17, 1905	17,400	$ 104,400	$ 174,000	$ 17,400
*Golden Gate Park					6 redemptions at $ 8,200		
Extension to Presidio	1114 and 1401	328,000	Jan. 20, 1905	328,000	49,200	278,800	8,200
					6 redemptions at $25,000		
*Hospital	1114 and 1401	250,000	Mar. 1, 1905	250,000	150,000	100,000	25,000
					6 redemptions at $41,100		
*Library	1114 and 1401	739,800	Feb. 7, 1905	739,800	246,600	493,200	41,100
					6 redemptions at $7,300		
*Mission Park	1114 and 1401	292,000	Jan. 20, 1905	292,000	43,800	248,200	7,300
			Jan. 20, 1905	240,000	6 redemptions at $18,500		
*Playgrounds	1114 and 1401	740,000	Feb. 7, 1905	500,000	111,000	629,000	18,500
					6 redemptions at $89,800		
*School	1114 and 1401	1,077,600	Mar. 1, 1905	50,000	538,800	538,800	89,800
			Mar. 10, 1905	61,800			
			Mar. 17, 1905	89,800			
			Mar. 21, 1905	269,400			
			Apr. 4, 1905	89,800			
			May 10, 1905	50,000			
			May 19, 1905	89,800			
			May 24, 1905	377,000			
					6 redemptions at $181,200		
*Sewer	1114 and 1401	1,087,200	Mar. 1, 1905	25,000	1,087,200		
			Mar. 1, 1905	181,200			
			Mar. 2, 1905	75,000			

* Date when interest is payable, June 30, Dec. 31. Rate of interest 3½%.

BONDED INDEBTEDNESS, NOV. 8, 1910—Continued

Bonds of July 1, 1904, 3½%.

Municipal Bonds Name of Bonds	No. of Ordinance Under Which Bonds Were Issued	Bonds Issued Face Value	Date of Sale	Items of Amount	Bonds Redeemed	Outstanding Face Value	Falling Due 12 Months After Mar. 1, 1911
			May 24, 1905	343,600			
			June 1, 1905	100,000			
			Jan. 29, 1909	15,000			
			Apr. 30, 1909	87,000			
			May 7, 1909	43,000			
			June 29, 1909	36,200			
			Jan. 18, 1910	65,000			
			May 24, 1910	8,000			
			June 13, 1910	16,200			
			June 22, 1910	20,000			
			June 23, 1910	9,000			
			June 28, 1910	33,000			
			June 29, 1910	30,000			
*Street	1114 and 1401	829,000			6 redemptions at $40,500		
			Mar. 1, 1905	102,500	243,000	586,000	40,500
			Mar. 2, 1905	100,000			
			Mar. 17, 1905	40,500			
			Mar. 1, 1906	324,000			
			Apr. 1, 1907	25,000			
			Apr. 17, 1907	75,000			
			Apr. 26, 1907	55,000			
			Sept. 24, 1908	12,500			
			Feb. 26, 1909	10,000			
			May 29, 1909	5,000			
			July 28, 1909	4,500			
			May 9, 1910	40,000			

			July 1, 1910	18,000				
			Aug. 15, 1910	17,000				
Bonds of January 1, 1909. 4½%.								
†Water Supply	643	600,000	June 30, 1909	240,000	1 redemption at $100,000			
			Dec. 30, 1909	360,000	100,000	500,000	100,000	
Bonds of July 1, 1910. 4½%.								
†Geary Street Railway	1062	448,000	July 22, 1910	77,000		448,000		
			July 25, 1910	10,000				
			July 28, 1910	120,000				
			Aug. 2, 1910	1,000				
			Aug. 9, 1910	12,000				
			Aug. 10, 1910	74,000				
			Aug. 11, 1910	16,000				
			Aug. 12, 1910	1,000				
			Aug. 15, 1910	15,000				
			Aug. 17, 1910	13,000				
			Aug. 18, 1910	1,000				
			Aug. 22, 1910	11,000				
			Aug. 23, 1910	4,000				
			Aug. 25, 1910	6,000				
			Aug. 26, 1910	1,000				
			Aug. 31, 1910	2,000				
			Sept. 1, 1910	79,000				
			Sept. 8, 1910	2,000				
			Oct. 1, 1910	3,000				
Bonds of July 1, 1908. 5%.								
‡Garbage System	497	840,000	Feb. 26, 1909	400,000		840,000	50,000	
			Aug. 19, 1909	100,000				
			Sept. 15, 1909	140,000				
			Dec. 30, 1909	140,000				
			Jan. 15, 1910	60,000				

† Date when interest is payable, Jan. 1, July 1. Rate of interest 4½%.
* Date when interest is payable, June 30, Dec. 31. Rate of interest 3½%.
‡ Date when interest is payable, Jan. 1, July 1. Rate of interest 5%.

BONDED INDEBTEDNESS, NOV. 8, 1910—Continued

Bonds of July 1, 1908. 5%.

Municipal Bonds Name of Bonds	No. of Ordinance Under Which Bonds Were Issued	Bonds Issued Face Value	Date of Sale	Items of Amount	Bonds Redeemed	Outstanding Face Value	Falling Due 12 Months After Mar. 1, 1911
†Hall of Justice	497	660,000	Apr. 15, 1909	150,000		660,000	
			May 19, 1909	15,000			
			June 11, 1909	335,000			
			Aug. 19, 1909	160,000			
†Hospital		1,120,000	Oct. 22, 1908	280,000		1,120,000	
			May 19, 1909	80,000			
			June 11, 1909	170,000			
			Sept. 2, 1909	150,000			
			Dec. 22, 1909	66,000			
			Jan. 15, 1910	374,000			
†Sewer		2,600,000	Oct. 17, 1908	800,000		2,600,000	
			July 8, 1909	200,000			
			July 19, 1909	200,000			
			July 27, 1909	100,000			
			Aug. 13, 1909	100,000			
			Aug. 31, 1909	100,000			
			Sept. 15, 1909	100,000			
			Dec. 24, 1909	300,000			
			Jan. 15, 1910	700,000			
†School		2,900,000	Oct. 26, 1908	1,200,000		2,900,000	
			Mar. 31, 1909	50,000			
			Apr. 15, 1909	50,000			
			Apr. 30, 1909	400,000			

		May 19, 1909	15,000		
		June 11, 1909	285,000		
		July 19, 1909	100,000		
		Dec. 22, 1909	352,000		
		Dec. 30, 1909	160,000		
		Jan. 11, 1910	7,000		
		Jan. 15, 1910	281,000		
†Fire Protection	4,200,000	Oct. 15, 1908	1,000,000		4,200,000
		Mar. 31, 1909	750,000		
		Apr. 30, 1909	600,000		
		June 1, 1909	100,000		
		Aug. 9, 1909	100,000		
		Sept. 15, 1909	450,000		
		Dec. 22, 1909	210,000		
		Dec. 24, 1909	420,000		
		Jan. 15, 1910	570,000		
	$18,990,000		$18,990,000	$2,674,000	$16,316,000

† Date when interest is payable, Jan. 1, July 1. Rate of interest 5%.

STATEMENT OF ASSESSED VALUE OF PROPERTY, RATE OF TAXATION AND AMOUNT OF TAX LEVIED FROM 1850 TO 1917-18 INCLUSIVE

Fiscal Year	ASSESSED VALUE			RATE PER $100 VALUATION		
	Valuation of Real Estate & Improvements	Valuation of Personal Property	Total Valuation	Rate for City and County Purposes	Rate for State Purposes	Total Rate on Each $100 Valuation
a1850	$16,849,054.00	$ 4,772,160.00	$21,621,214.00	$1.500	$ .50	$2.000
1851	11,141,463.00	2,875,440.00	14,016,903.00	3.600	.50	4.100
1852	15,676,356.00	2,805,381.00	18,481,737.00	4.115	.30	4.415
1853	24,048,150.00	4,852,000.00	28,900,150.00	3.285	.60	3.885
1854	28,925,220.00	5,837,607.00	34,762,827.00	3.255	.60	3.855
a1855	27,002,725.00	5,073,847.00	32,076,572.00	3.15 5-6	.70	3.85 5-6
1856	26,173,284.00	4,194,970.00	30,368,254.00	1.600	.70	2.300
1857	22,970,841.00	12,426,335.00	35,397,176.00	1.700	.60	2.300
1858	19,501,150.00	11,224,800.00	30,725,950.00	1.850	.60	2.450
1859	20,696,220.00	9,323,002.00	30,019,222.00	2.569	.60	3.169
1860	25,125,825.00	10,683,814.00	35,809,639.00	2.250	.60	2.850
1861-62	41,870,811.00	Real & Personal	41,870,811.00	2.25	.62	2.87
1862-63	37,016,101.87	29,540,553.93	66,566,655.00	1.975	.77	2.74½
1863-64	43,153,212.50	35,566,125.21	78,709,337.71	1.20	.90	2.10
1864-65	47,345,973.66	35,851,652.03	83,197,725.79	1.73	1.25	2.98
1865-66	49,169,047.00	29,775,496.34	88,934,543.34	1.97	1.15	3.12
1866-67	53,131,183.00	43,214,976.43	96,740,159.43	1.97	1.13	3.10
1867-68	58,207,861.85	51,152,963.88	109,360,825.73	1.87	1.13	3.00
1868-69	63,631,721.22	42,782,307,60	106,414,028.82	2.05	1.00	3.05
1869-70	69,776,603.00	44,982,907.67	114,759,510.63	2.11	.97	3.08
1870-71	75,145,717.00	31,246,159.00	106,391,876.00	1.98	.865	2.84½
1871-72	76,124,551.00	28,900,988.00	105,025,534.00	2.105	.865	2.97
1872-73	180,571,640.00	108,011,616.90	288,533,256.00	1.00	.50	1.50
1873-74	212,407,505.00	Real & Personal	212,407,505.00	1.10	.50	1.60
1874-75	162,466,177.00	101,763,267.00	264,229,444.00	1.45	.64 9-10	2.09 9-10
1875-76	169,944,327.00	99,160,814.00	269,105,141.00	1.00	.60 5-10	1.60½
1876-77	190,222,363.00	70,354,615.00	260,576,987.00	1.39	.73 5-10	2.12½
1877-78	190,973,720.00	63,873,330.00	254,867,050.00	1.20	.63	1.83
1878-79	190,280,810.00	54,196,550.00	244,477,360.00	1.69	.55	2.24
1879-80	166,429,845.00	51,057,229.00	217,487,074.00	1.37	.62 5-10	1.995
1880-81	165,023,658.00	279,287,738.00	444,311,396.00	1.57	.64	2.21
*1881-82	168,301,669.00	71,121,990.00	239,423,662.00			
1881-82	155,834,879.00	66,598,521.00	222,433,400.00	1.15	.65 5-10	1.80 5-10
1882-83	151,894,908.00	50,267,099.00	202,162,007.00	1.20 63-100	.59 6-10	1.80 23-100

*1883-84	182,531,759.00	70,691,188.00	253,452,389.00			
1883-84	158,723,269.00	62,272,534.00	221,225,245.00	1.20	.49 7-10	1.69 7-10
*1884-85	180,917,078.00	64,240,218.00	245,157,396.00			
1884-85	164,495,888.00	59,013,672.00	223,509,560.00	1.125	.45 2-10	1.57 7-10
1885-86	171,416,426.00	56,192,922.00	227,609,348.00			
*1885-86	192,843,592.00	61,482,367.00	254,325,959.00	1.04 89-100	.54 4-10	1.54 29 100
1886-87	175,409,145.00	54,741,864.00	230,151,009.00	1.01 10-100	.56	1.57 1-10
1887-88	191,618,454.00	60,127,657.00	251,746,111.00	1.14 78-100	.60 8-10	1.75 58-100
1888-89	211,467,987.00	61,921,629.00	273,380,616.00	1.06 7-10	.50 4-10	1.57 1-10
**1889-90	241,119,410.00	64,920,995.00	306,040,405.00	1.00	.72 2-10	1.72 2-10
1890-91	235,361,768.00	66,082,372.00	301,444,140.00	1.03	.58	1.61
City & County						
*1891-92	244,515,331.00	67,050,748.00	311,556,079.00			
State						
1891-92	317,864,930.00	81,956,147.00	399,826,077.00	1.03	.44 6-10	1.47 6-10
City & County						
*1892-93	277,340,008.00	68,884,698.00	346,224,706.00			
State						
1892-93	332,808,010.00	79,239,002.00	412,047,076.00	1.00	.43 4-10	1.43 4-10
1893-94	276,457,420.00	66,186,759.00	342,644,174.00	1.03	.57 6-10	1.60 6-10
*1894-95	261,808,995.00	63,299,903.00	325,108,898.00	1.00	.49 3-10	1.49 3-10
1895-96	265,018,605.00	62,786,542.00	327,805,147.00	1.565	.68½	2.25
*1896-97	330,401,154.00	91,668,562.00	422,069,716.00	.96 92-100	.42 9-10	1.39 82-100
1897-98	278,157,865.00	69,797,055.00	347,954,920.00	1.1854	.51	1.69 54-100
1898-99	282,769,730.00	69,574,331.00	352,344,061.00	1.318	.48 8-10	1.806
1899-1900	285,305,370.00	119,806,245.00	405,111,615.00	1.029	.60 1-10	1.63

On account of records having been destroyed by fire it is impossible to segregate and classify the property as in the following statement.

CLASSIFIED PROPERTY VALUATION OF ASSESSMENTS FROM 1900 TO 1917-18 INCLUSIVE, SHOWING THE INCREASE AND DECREASE EACH YEAR.

Year	Real Property	Improvements	Money and Solvent Cr.	Other Personal Property	Total	Tax Levy	Increase	Decrease
1900-01	$190,457,425	$ 98,073,220	$35,832,828	$85,783,481	$410,146,954	$1.625		
1901-02	192,447,170	97,234,822	37,779,400	85,685,435	413,146,827	1.5562	$ 2,999,873	
1902-03	191,804,510	96,631,790	41,678,038	89,854,306	419,968,644	1.6082	6,821,817	
*1903-04	201,507,990	98,584,160	33,599,059	93,955,120	427,646,329	1.637	7,677,685	
1904-05	293,500,985	86,781,965	33,648,682	88,963,727	502,895,359	1.655	75,249,030	
1905-06	304,135,185	97,831,165	33,697,084	88,567,502	524,230,936	1.654	21,335,577	
1906-07	237,038,272	50,248,580	20,317,485	68,328,110	375,932,447	1.798		$148,298,489
1907-08	260,657,806	66,816,201	33,746,680	68,390,931	429,611,618	1.860	53,679,171	
1908-09	258,652,434	90,860,558	35,180,615	69,640,553	454,334,160	1.900	24,722,542	
City & County *1909-10	283,169,233	122,974,828	30,606,757	56,116,219	492,867,037	1.60	38,532,877	
State raise on valuation					539,097,371	.364		
1910-11	288,095,453	145,167,790	31,970,628	49,794,229	515,028,100	2.00	21,161,063	
Non-operative 1911-12	269,290,025	135,230,645	13,623,237	43,711,874	461,855,781	2.00		53,172,319
Operative State†	19,366,850	3,950,130	15,697,757	44,193,829	83,208,566	.05		
Non-operative 1912-13	301,196,140	146,584,097	13,075,374	49,576,490	510,432,101	2.05	48,576,320	
Operative State†	22,518,920	23,246,100	25,494,125	23,122,003	94,381,148	.044		
Non-operative 1913-14	303,903,155	157,378,977	13,985,210	50,980,194	526,247,536	2.20	15,815,435	
Operative State†	22,407,930	22,608,070	22,527,482	26,056,711	97,600,193	.042		
Non-operative 1914-15	304,579,974	165,496,937	18,423,097	53,394,435	541,894,443	2.25	15,646,907	
Operative State†	21,477,260	28,378,191	31,041,464	24,416,156	105,313,071	.039		
Non-operative 1915-16	304,288,151	172,536,727	15,935,329	45,943,543	538,703,750	2.26		3,190,693
Operative State†	22,901,250	27,212,089	33,656,659	33,870,531	117,640,479	.....		

Non-operative 1916-17	302,575,489	175,587,605	17,231,204	47,368,758	542,563,056	2.33	3,859,306
Operative State	8,046,400	4,498,670	50,948,302	149,832,646	213,325,918		
Non-operative 1917-18	302,301,310	180,316,860	18,703,461	53,428,539	554,750,170	2.29	12,187,114
Operative State† **1917-18	8,299,230	4,640,020	41,933,615	182,163,257	237,036,123		

‡ Showing increase over 18 years of $143,603,216 in City and County Assessment Roll.

* Years in which the State Board of Equalization increased the valuation of property for State purposes: 1881-82, 8%; 1883-84, 15%; 1884-85, 10%; 1885-86, 12½%; 1891-92, 30%; 1892-93, 20%; 1894-95, 15%; 1896-97, 20%; 1903-04, 30%; 1909-10, 10%.

**Decrease of 5% in the fiscal year 1899-90.

a Until April 19, 1856, San Mateo County was included in San Francisco County.

† This property is operative and under Constitutional Amendment No. 1 cannot be taxed for City and County purposes.

**After equalization by State Board of Equalization.

BUDGET

For Municipal Expenditures

City and County of San Francisco
For Fiscal Year 1917-1918

Bill NO. 4557. **ORDINANCE NO. 4211 (New Series).**

An ordinance establishing a budget of the amounts estimated to be required to pay the expenses of conducting the public business of the City and County government for the fiscal year commencing July 1, 1917, and ending June 30, 1918.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. Pursuant to the provisions of Article III, Chapter I of the Charter of the City and County, the budget of the amounts estimated to be required to pay the expenses of conducting the public business of the City and County for the fiscal year, commencing July 1st, 1917, and ending June 30th, 1918, is hereby made, and the amounts so estimated are hereby approved for appropriation and duly appropriated in totals as herein set forth to each department, officer, board or commission included in this budget.

Section 2. The aggregate amount appropriated for conducting the public business of the City and County is $15,721,790, and is hereby apportioned among the various funds as follows:

Bond Interest and Redemption	$ 3,622,036
Common School Fund	2,385,000
Park Fund	380,000
Library Fund	122,350
Firemen's Relief and Pension Fund	120,000
General Fund	9,092,404
Total	$15,721,790

Section 3. No department, officer, board or commission shall expend, agree to expend or incur liabilities which in total amount exceed the total sum appropriated in this ordinance or subsequently appropriated to such department, officer, board or commission during the fiscal year commencing July 1st, 1917, and ending June 30th, 1918.

Section 4. The estimated amount apportioned to the "General Fund" and here appropriated from the "General Fund" to the va-

rious departments, officers, boards or commissions shall be expended according to the following terms and conditions, namely:

First. No department, officer, board or commission shall expend or incur liabilities to expend for any purpose a sum or sums in excess of the amount appropriated to such department, officer, board or commission for such purpose.

Second. Wherever in this ordinance the total appropriated amounts are segregated into segregated allotments, no department, officer, board or commission shall expend or incur liabilities to expend for any purpose a sum or sums in excess of the amount allotted for such purpose.

Third. The executive head of a department, board, office or commission may increase or decrease the amount of any segregated allotment or establish additional segregated allotments, provided such executive file with the Auditor and the Board of Supervisors a statement of (1) the amount by which it is proposed to increase or decrease any allotment or allotments, (2) the circumstances necessitating the adjustment advised.

Fourth. The purposes for which the appropriated and allotted sums included in this ordinance are authorized shall, within the limits of the titles of such appropriations and segregated allotments, be interpreted by the Auditor of the City and County according to the definitions of the uniform classification of objects of expenditure.

Fifth. The Auditor of the City and County shall not audit or pass for payment any demand on the Treasury which in itself or taken with other expenditures or incurred liabilities exceeds the latest accrued credit of an appropriation or appropriations, segregated allotment or allotments against which such demand is properly chargeable.

Section 5. The amounts appropriated are as follows:

DEBT SERVICE.

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
1	Interest on Bonded Debt .....(L. 21)		$2,251,536	
2	Redemption of Outstanding Bonds (L11)		1,370,500	
	Total Bond Interest and Redemption....			$3,622,036

BOARD OF SUPERVISORS—GENERAL

Personal Service

Salaries, Permanent Positions (A. 1)

3	Supervisors, 18 at $2,400 each		43,200
4	Clerk		4,200
5	Expert		3,600
6	Chief Assistant Clerk		3,000
7	Assistant Clerks, 3 at $2,400		7,200
8	Assistant Clerks, 2 at $2,100		4,200
9	Assistant Clerks, 2 at $1,800		3,600
10	Stenographer to Finance Committee.....		2,400
11	Stenographer		1,680
12	Stenographer		1,500
13	Telephone Operator and Filing Clerk		1,320
14	Light and Water Inspector		2,100
15	Assistant Light and Water Inspector.....		1,680
16	Sergeant-at-Arms		1,560
17	Chauffeur		1,800
18	Commercial Agent		5,000
			$ 88,040

Fees

19	Examination of Insane .....(A. 45)		10,000

Services other than Personal

Subsistence and Support of Persons (B. 4)

20	Maintenance, Feeble Minded		33,000
21	Maintenance, Criminal Insane		3,000

Printing, Engraving, Lithographing and Binding (B. 6)

22	Printing Public Documents		6,000
23	Municipal Reports		3,500

Advertising and Publication of Notices (B. 7)

24	Advertising		27,500
25	Law and Motion Calendar		5,000

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Supplies (D. 9)			
26	License Tags		3,000	
	Fixed Charges and Contributions			
27	Interment U. S. Sailors and Soldiers (H. 3)		5,000	
28	Premium on Official Bonds (H. 4)		5,000	
29	Rents (H. 7)		8,000	
30	Celebration of Fourth of July (H. 1)		2,500	
31	Observance of Memorial Day (H. 1)		500	
	Contingencies (X.)			
32	Urgent Necessity Fund		90,000	
33	Contingencies—Board of Supervisors, Incidental Expense		3,000	
	Total for Board of Supervisors—General			$ 293,040
	FINANCE COMMITTEE			
	Personal Shervice			
34	Accounting Fees (A. 45)		5,000	5,000
	Supplies			
35	Provisions and Hospital Supplies for Municipal Institutions (D.)		37,000	37,000
	SUPPLIES COMMITTEE			
	Personal Service			
	Salaries, Permanent Positions (A.1)			
36	Superintendent		3,000	
37	Assistant Clerk		2,400	
38	Assistant Clerk		1,800	
			7,200	
	Supplies			
39	Stationery for Assessor (D. 1)		5,500	
40	Gasoline for City Automobiles (D. 6)		5,000	
	Contingencies			
41	General Expenses (X.)		2,100	
	Supplies and Equipment			
42	Purchase Fund for Stationery, Books, Printing, and Typewriters (Departments		45,000	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Equipment			
43	Furniture for Departments .....(T. 1)		7,500	
44	Purchase of Automobile for Supervisors (T. 7)		2,800	
	Total for Supplies Committee.....			74,300
	TELEPHONE EXCHANGE			
	Personal Service			
	Salaries, Permanent Positions (A.1)			
45	Chief Operator		1,200	
46	Operators, 4 at $1,020		4,080	
			5,280	
	Services Other than Personal			
	Communication Service			
47	Telephone Expense .....(B. 3)		1,000	
	Total for Telephone Exchange			6,280
	COUNTY HORTICULTURAL COMMISSION			
	Personal Service			
	Salaries, Permanent Positions (A.1)			
48	Horticulturist		1,800	
			$1,800	
	Services other than Personal			
50	Transportation .....(B. 1)		530	
	Total for County Horticultural Commission			$2,330
	AUDITORIUM			
	Contingencies (X.)			
51	General Maintenance		5,000	
52	Alterations and Fittings for G. A. R. Headquarters		4,000	
	Total for Auditorium			$9,000
	WATER, STREETS, DRIVES AND BUILDINGS (Partial)			
53	Repairs to Schools		115,000	
54	Repairs to Fire, Police and Other Public Buildings		50,000	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Heat, Light, Power and Water			
55	Lighting Public Buildings .....(E. 3)		45,000	
56	Lighting Streets and Drives .....(E. 3)		470,000	
57	Water for Public Buildings .....(E. 6)		27,500	
58	Water for Hydrants .....(E. 5)		132,000	
	Total for Water, Streets, Drives and Buildings (Partial)			$839,500
	COUNTY ROAD FUND			
59	Improvements, Including Hunter's Point Road		$50,000	$50,000
	SPECIAL PROJECTS			
	Buildings, Structures and Improvements			
60	Buildings on Public Ground		3,500	
61	Presidio Boulevard		4,500	
62	Work in Front of City Property		19,000	
63	For the Completion and Equipment of Northeast and Southwest Wings, San Francisco Hospital		30,000	
64	Extension of Main Sewers		75,000	
65	Pump, Relief Home		7,000	
66	Reconstruction of Mission Street, Easterly from Fourth Street		30,000	
67	Special Improvement Casselli Avenue.....		7,500	
68	Paving Corbett Avenue, Casselli Avenue to Twenty-third Street		10,000	
69	Beach Sidewalk or Convenience Station..		5,000	
70	Special Improvement Liberty and Sanchez Streets		10,000	
71	Regrading Proceedings and Plans, Rincon Hill		5,000	
72	Repairs and Walls, Laidley Street		4,000	
73	Diagonal Street, Between Caroline and Rhode Island Streets, Twentieth to Twenty-second Streets		10,000	
74	Additional Contract, Cumberland and Sanchez Streets		3,000	
75	Buildings and Boilers, County Jails 2 and 3		15,000	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
76	Reconstruction of McAllister Street and Other Streets to be Hereafter Designated		39,000	
77	Convenience Station, Buena Vista Park		2,500	
	Total for Special Projects			$280,000
	PUBLICITY			
78	Publicity and Advertising (B. 7)		10,000	10,000
	Total for Board of Supervisors			$1,606,450
	MISCELLANEOUS GENERAL GOVERNMENT APPROPRIATIONS			
	Maintenance of Minors			
	General			
	Services other than Personal			
79	Subsistence and Support of Minors		$190,000	
	Magdalen Asylum			
	Services other than Personal			
80	Subsistence and Support of Minors—Magdalen Asylum		7,000	
	State Schools—Preston and Whittier			
	Services other than Personal			
81	Subsistence and Support of Minors — Preston and Whittier Schools		10,000	
	Total for Maintenance of Minors			$207.000
	MUNICIPAL BAND			
82	General Maintenance Expenses (X.)		10,000	10,000
	POLICE RELIEF AND PENSION FUND			
83	Pensions and Retirement Allowances (J.)		10,000	10,000
	RELIEF OF EXEMPT FIREMEN			
84	Pension and Retirement Allowances (J.)		5,000	5,000
	SUPERINTENDENT OF SCHOOLS			
	Services other than Personal			
85	Transportation and Traveling Expenses (H. 1)		1,200	1,200

PUBLIC POUND

Personal Service

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Fixed Charge and Contribution			
86	Contribution ..... (H. 1)		10,000	10,000

ASSESSOR

Personal Service

Salaries, Permanent Positions (A. 1)

87	Assessor		$8,000	
88	Chief Deputy		2,400	
89	Cashier		1,800	
90	Assistant Chief Deputies, 4 at $2,100		8,400	
91	Assistant Deputies, 4 at $1,800		7,200	
92	Deputies, 18 at $1,500		27,000	
93	Map Maker		1,800	
			$56,600	
	Salaries, Temporary Positions (A. 2)			
94	Clerks at $100 per Month		45,000	
	Services other than Personal (B.)			
95	Transportation, Printing and Special Contracting Service		2,350	
	Contingencies (X.)			
96	Contingencies		100	
	Total for Assessor			$104,050

AUDITOR

Personal Service

Salaries, Permanent Positions (A. 1)

97	Auditor		$4,000	
98	Chief Deputy		2,400	
99	Deputies, 3 at $2,400		7,200	
100	Deputy		2,100	
101	Deputies, 4 at $1,800		7,200	
102	Deputies, 2 at $1,500		3,000	
103	Assistant Deputies, 2 at $1,500 (Charter Positions)		3,000	
104	Stenographer-Bond Clerk		1,500	
105	Telephone Operator		1,020	
106	Clerk (Duties Under Sec. 4099, P. C.)		1,800	
			$33,220	
	Fees (A. 45)			
107	Attorney's Fee		1,800	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Contingencies			
108	Contingencies ..... (X.)		400	
109	Expenses Assessment Rolls and Settlement		6,200	
	Total for Auditor			$41,620

CITY ATTORNEY

General Office

Personal Service

Salaries, Permanent Positions (A. 1)

110	City Attorney		$5,000	
111	Assistants, 2 at $3,600		7,200	
112	Assistants, 4 at $3,000		12,000	
113	Assistant		2,400	
114	Assistant		1,800	
115	Chief Clerk		1,800	
116	Assistant Clery		900	
117	Stenographers, 2 at $1,200		2,400	
118	Stenographers-Typewriters, 2 at $900		1,800	
119	Messenger		900	
			$36,200	
	Contingencies			
120	General Litigation Expenses..... (X.)		5,750	
121	Rate and Valuation Litigation Expenses ..... (X.)		15,000	
	Total for City Attorney			$56,950

CIVIL SERVICE COMMISSION

Personal Service

Salaries, Permanent Positions (A. 1)

122	Commissioners, 3 at $1,200		$3,600	
123	Chief Examiner		2,400	
124	Chief Inspector		2,400	
125	Assistant Inspector		2,400	
126	Assistant Inspector		1,500	
127	Assistant Secretary		1,800	
128	General Clerks, 2 at $1,500		3,000	
129	Clerk Stenographer		1,200	
			$18,300	
	Wages			
130	Per diem Examiners ..... (A. 3)		1,000	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Fees			
131	Special Examiners .....(A. 45)		1,600	
	Contingencies			
132	Contingencies .....(X.)		200	
	Total for Civil Service Commission....			$21,100
	CORONER			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
133	Coroner		$4,000	
134	Chief Deputy		2,400	
135	Autopsy Physician		2,400	
136	Assistant Deputies, 3 at $1,500.....		4,500	
137	Female Deputy		1,200	
138	Assistant Deputies and Drivers, 2 at $1,200		2,400	
139	Stenographer		1,800	
140	Assistant Stenographer and Typewriter..		1,500	
141	Toxicologist		1,200	
142	Night Clerk-Matron		1,020	
143	Clerk-Matron		1,020	
144	Morgue Tender		1,080	
			$24,520	
	Services other than Personal			
145	Transportation, Communication and Special Contractual Services .....(B.)		500	
	Supplies			
146	General Supplies .....(D.)		1,500	
	Fixed Charges and Contributions			
147	Recovery of Bodies .....(H. 1)		400	
	Total for Coroner			$26,920
	COUNTY CLERK			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
148	County Clerk		$4,000	
149	Chief Register Clerk		2,400	
150	Cashier		1,800	
151	Register Clerks, 5 at $1,800		9,000	
152	Assistant Clerks, 10 at $1,500		15,000	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
153	Courtroom Clerks, 16 at $1,500		24,000	
154	Copyists, 31 at $1,200		37,200	
155	Deputies—6 at $1,200		7,200	
156	Police Court Clerks, 4 at $1,500		6,000	
157	Messenger		1,200	
			$107,800	
	Total for County Clerk			$107,800

DISTRICT ATTORNEY

Personal Service

Salaries, Permanent Positions (A. 1)

158	District Attorney		$5,000	
159	Assistants, 4 at $3,600		24,400	
160	Assistants, 2 at $3,000		6,000	
161	Assistants, 6 at $2,400		14,400	
162	Assistant		1,800	
163	Warrant and Bond Clerk		2,400	
164	Warrant and Bond Clerk		2,100	
165	Warrant and Bond Clerks, 7 at $1,500		10,500	
166	Warrant and Bond Clerk		900	
167	Chief Clerk		1,800	
168	Assistant Clerk		1,200	
169	Assistant Bookkeeper		1,200	
170	Stenographer		1,800	
171	Stenographer		900	
172	Messenger		1,500	
			$65,900	

Fees

173	Stenographic and Detective Fees (A. 4)		1,500	

Services Other than Personal

174	Tansportation, Subsistence of Persons, Communication and Special Contractual Service (B.)		2,000	

Supplies

175	General Supplies (D.)		150	

Contingencies

176	Contingencies (X.)		1,450	
	Total for District Attorney			$71,000

DEPARTMENT OF ELECTIONS

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
177	Commissioners, 5 at $1,000		5,000	
178	Registrar		4,000	
179	Deputies, 2 at $2,400		4,800	
180	Deputies, 2 at $1800		10,800	
181	Stenographers, 2 at $1,200		2,400	
182	Storekeeper		1,500	
			$28,500	
	Contingencies (X.)			
183	A sum of $50,000 (or so much thereof as may be necessary) to replete the special election fund as provided in Sec. 14, Chapter III, Article II, of the Charter		50,000	
184	Expenses of General and Bond Elections, Supplies and Registration of Voters		177,965	
	Total Department of Elections		256,465	

DEPARTMENT OF ELECTRICITY

ADMINISTRATION

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
185	Chief		$3,000	
186	Secretary-Bookkeeper		2,100	
187	Stenographer-Typist		1,500	
188	Helper-Messenger		1,020	
			$7,620	
189	General Maintenance			
	Segregated Allotments			
	1 Services other than Personal (B.)	$ 500		
	2 Supplies (D.)	600		
	3 Heat, Light, Power and Water (E.)	150		
	Total for General Maintenance	$ 1,250	1,250	

OPERATION OF FIRE ALARM SYSTEM

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
190	Chief Operator		$1,890	
191	Fire Alarm Operators, 7 at $1,590		11,130	
192	Telephone Operators, 4 at $1,020		4,080	
			$17,100	
	Salaries, Temporary Positions (A. 2)			
193	Telephone Operator		300	

INSPECTION BUREAU

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
194	Chief Inspector		2,100	
195	Inside Inspectors, 8 at $1,800		14,400	
196	General Clerk		1,500	
			$18,000	

INSPECTION OF OVERHEAD CONSTRUCTION

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
197	Inspector		1,800	

FIRE ALARM AND POLICE SIGNAL PLANT

	Personal Service			
	Salaries			
198	Salaries, Regular and Temporary Employees (A. 1 and A.2)		29,760	
	Wages			
199	Laborers (A. 3)		1,600	
			$31,360	
200	General Maintenance			
	Segregated Allotments			
	1 Services other than Personal (B.)	$ 500		
	2 Materials (C.)	3,150		
	3 Supplies (D.)	2,220		
	4 Equipment (T.)	500		
	Total for General Maintenance	6,370	6,370	

MACHINE SHOP

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries			
201	Salaries, Permanent and Temporary Positions (A. 1 and A. 2)		11,200	
202	General Maintenance			
	Segregated Allotments			
	1 Materials (C.)	2,100		
	2 Supplies (D.)	960		
	Equipment			
	3 Net Cost of Exchange of 4 Roadsters for 5 New Roadsters (T. 7)	1,400		
	4 Other Equipment (T.)	540		
	Total for General Maintenance	5,000	5,000	
	Total for Department of Electricity			100,000

FIRE DEPARTMENT

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
203	Fire Department Salaries		1,320,000	
	Wages			
204	Fire Department Skilled and Unskilled Laborers (A. 3)		46,000	
	Fixed Charges and Contributions			
205	Rents and Vacation Allowances			
	Segregated Allotments			
	1 Rent (H. 7)	1,200		
	2 Vacation Allowances, Wage Employees (H. 8)	7,800		
	Total Rents and Vacation Allowances	9,000	9,000	
	Equipment			
206	Motor Apparatus (T. 5)	150,000		
207	Reducing Valves (T. 5)	5,000		
208	General Maintenance			
	Segregated Allotments			
	1 Services other than Personal (B.)	6,450		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
2	Materials (C.)	14,900		
3	Supplies (D.)	40,600		
4	Heat, Light, Power and Water (E.)	8,050		
	Total for General Maintenance	70,000	70,000	
	Total for Fire Department			1,600,000

BOARD OF HEALTH

CENTRAL OFFICE

Personal Service

Salaries, Permanent Positions (A. 1)

209	General Office Salaries and Wages	
	Segregated Allotments	
	Health Officer	4,200
	Chief Clerk	3,000
	Bookkeeper Auditor	2,520
	Mortuary Clerk	1,560
	Birth Registry Clerk	1,560
	Sanitation Clerk	2,100
	Complaint Clerk	1,200
	Auditor's Clerk	1,200
	Filing Clerk	1,200
	Stenographer	1,320
	Stenographers, 2 at $1,200	2,400
	Telephone Operator	1,020
	City Physician	2,400
—1		25,680

INSPECTION DIVISION

Chief Inspector	3,000
Sanitary Inspectors, 4 at $1,800	7,200
Industrial Inspectors, 2 at $1,500	3,000
Industrial Inspector	1,500
Industrial Inspectors, 2 at $1,200	2,400
Chief Plumbing Inspector	2,100
Veterinary Meat Inspectors, 3 at $1,680	5,040
Market Inspectors, 15 at $1,560 each	23,400
Dairy Veterinarians, 2 at $1,860	3,920
Inspector (Dairy)	1,560
Inspector (Dairy)	1,500

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Chief Food Inspector	1,680		
	Food Inspector	1,560		
	Disinfectors, 2 at $1,620	3,240		
	Medical School Inspector	1,800		
	Medical School Inspectors, 3 at $1,200	3,600		
	Health Inspectors, Schools, 3 at $1,080	3,240		
	Health Inspectors, Schools, 6 at $1,020	6,120		
	Health Inspectors, Schools, 5 at $960	4,800		
	Health Inspectors, Schools, 3 at $900	2,700		
	Tenement House Inspector	1,620		
	Tenement House Inspectors, 2 at $1,500	3,000		
	Inspector of Indigents	1,200		
	Assistant Inspector of Indigents	900		
	Inspector Pasteurizing Plants	1,500		
—2		91,580		
	LABORATORY DIVISION			
	Director	3,600		
	Bacteriologist	1,800		
	Assistant Bacteriologist	1,500		
	Helper	780		
	Chemist	1,800		
	Chemist	1,500		
	Helper	900		
	Stenographer-Clerk	1,080		
—3		12,960		
	GENERAL DIVISION			
Wages	(A. 3)			
	Plumbing Inspectors, 1225 days at $6.50	7,962.50		
	Relief Telephone Operator	214.50		
—4		8,177.00		
	Total Salaries and Wages		138,397	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Fixed Charges and Contributions			
210	Burial of Indigent Dead ..... (H. 3)		6,000	
211	General Maintenance			
	Segregated Allotments			
	Services Other Than Personal			
	1 Transportation (B. 1 - B. 2)	3,725		
	2 Communication (B. 3)	75		
	3 Care of Motor Vehicles (B. 53)	1,800		
	4 Repairs to Motor Vehicles (B. 8)	1,000		
	5 Special Contractual Service (B. 9)	200		
	Supplies			
	6 Stationery and Drafting Supplies (D. 1)	600		
	7 Forage (D. 5)	100		
	8 Motor Vehicle Supplies (D. 6)	2,600		
	9 Medical, Surgical and Laboratory Supplies (D. 7)	3,100		
	10 Cleaning and Toilet Supplies (D. 8)	1,700		
	11 Other Supplies (D. 9)	100		
	Equipment			
	12 Three Automobile Runabouts (T. 7)	1,600		
	13 One Safe (T. 1)	600		
	Total General Maintenance	17,200	17,200	
	Total Central Office			161,547

SPECIAL SANITATION

	Personal Service			
212	Special Sanititaon—1. Salaries and Wages ..... (A. 1, A. 2, A. 3)			
	Segregated Allotments			
	Inspectors, 3 at $1,200	3,600		
	Inspector	1,080		
	Laborers, 2 at $780	1,560		
	Total Salaries and Wages	6,240	6,240	
213	General Maintenance			
	Segregated Allotments			
	Transportation (B. 1)	360		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Supplies			
	Medical, Surgical and Laboratory Supplies (D. 7)	800		
	Other Supplies (D.)	100		
	Total General Maintenance	1,260	1,260	
	Total Special Sanitation			7,500

RELIEF HOME

	Personal Service			
214	Relief Home—Salaries and Wages (A. 1, A. 2, A. 3)			
	Segregated Allotments			
	General Administration			
	Salaries, Permanent Positions			
	Superintendent	3,600		
	Clerk	1,620		
	Stenographer	1,200		
	Office Attendant	420		
—1		6,840		
	Commissary			
	Salaries, Permanent Positions			
	Warehouseman	1,200		
	Orderly	480		
—2		1,680		
	General Housekeeping, Men's Department			
	Salaries, Permanent Positions			
	Chief Steward	1,380		
	Steward	960		
	Steward	720		
	Stewards, 2 at $1,020	2,040		
—3		5,100		
	General Housekeeping, Women's Department			
	Salaries, Permanent Positions			
	Matron	1,200		
	Matrons, 2 at $780	1,560		
	Seamstresses, 2 at $600	1,200		
—4		3,960		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Kitchen			
	Salaries, Permanent Positions			
	Cook	1,260		
	Cook	1,200		
	Cooks, 3 at $1,080	3,240		
	Cooks, 2 at $ 600	1,200		
	Pantryman	720		
	Butcher	1,260		
—5		8,880		
	Farm and Grounds			
	Salaries, Permanent Positions			
	Gardener	1,080		
	Farmers, 2 at $960	1,920		
	Milkers, 2 at $600	1,200		
—6		4,200		
	Power Plant and Mechanical			
	Salaries, Permanent Positions			
	Engineer	1,680		
	Assistant Engineer	1,380		
	Plumber	1,800		
—7		4,860		
	Transportation			
	Salaries, Permanent Positions			
	Driver	1,020		
	Driver	960		
—8		1,980		
	Laundry Department			
	Salaries, Permanent Positions			
	Laundryman	1,080		
	Laundress	660		
—9		1,740		
	Hospital Department			
	Salaries, Permanent Positions			
	Physicians, 2 at $1,620	3,240		
	Steward	1,320		
	Nurse	900		
	Nurse	840		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Night Nurse	780		
	Nurses, 4 at $780	3,120		
	Salaries, Temporary Positions			
	Institutional Help	900		
—10		11,100		
	General			
	Salaries, Permanent Positions			
	Foreman	960		
	Watchman	780		
	Salaries, Temporary Positions			
	Institutional Help	15,520		
—11		17,260		
	Total Salaries and Wages		67,600	
215	General Maintenance			
	Segregated Allotments			
	Services other than Personal			
	1 Care of Animals and Motor Vehicles (B. 5)	1,200		
	2 Repairs to Buildings (B. 8)	2,000		
	3 Repairs to Equipment (B. 8)	600		
	4 Special Contractual Service (B. 9)	200		
	Materials			
	5 Lumber and Wood Products (C. 1)	500		
	6 Paints and Painters' Materials (C.2)	500		
	7 Plumbing and Other Metallic Materials (C. 4)	3,030		
	8 Non - Metallic Mineral Products (C. 5)	300		
	9 Seeds and Bulbs (D. 7)	70		
	10 Leather (C. 6)	600		
	Supplies			
	11 Fuel (D. 2)	17,000		
	12 Provisions (D. 3)	135,000		
	13 Wearing Apparel and Hand Sewing Supplies (D. 4)	8,000		
	14 Forage (D. 5)	13,000		
	15 Motor Vehicle Supplies (D. 6)	2,500		
	16 Medical Supplies (D. 7)	10,000		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
17	Cleaning and Toilet Supplies (D. 8)	3,500		
18	Other Supplies (D. 9)	1,000		
	Equipment			
19	Bedding and Blankets (T. 1)	1,500		
20	Dishwashing Machine and Sinks (T. 5)	600		
21	Linoleum (T. 1)	500		
22	Household Utensils (T. 1)	400		
	Total General Maintenance	202,000	202,000	
	Total Relief Home			269,600

ISOLATION HOSPITAL

Personal Service

216 Isolation Hospital—Salaries and Wages (A. 1, A. 2, A. 3)

Segregated Allotments

Administration

Salaries, Permanent Positions

Superintendent	1,200	
Steward	1,200	
Night Watchman	720	
—1	3,120	

Professional Care of Patients

Salaries, Permanent Positions

Resident Physician	1,200	
Internes, 2 at $120	240	
Attendant to Lepers	1,080	
Graduate Nurses, 11 at $900	9,900	
Pupil Nurses, 10 at $144	1,440	

Salaries, Temporary Positions

Graduate Nurses	1,000	
—2	14,860	

Laundry

Salaries, Permanent Positions

—3 Laundry Women, 2 at $420	840	

Housekeeping

Salaries, Permanent Positions

Wardmen, 2 at $420	840	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Wardwomen, 4 at $420	1,680		
	Seamstress	600		
	Salaries, Temporary Positions			
	Institutional Help	648		
—4		3,768		
	Kitchen			
	Salaries, Permanent Positions			
	Cooks, 2 at $1,200	2,400		
	Kitchen Helper	360		
—5		2,760		
	General			
	Salaries, Permanent Positions			
	Gardener	960		
	Day Watchman	1,080		
	Ambulance Driver	960		
—6		3,000		
	Total Salaries and Wages		28,348	
217	General Maintenance			
	Segregated Allotments			
	Services other than Personal			
1	Transportation (B. 1 - B. 2)	50		
2	Communication (B. 3)	50		
3	Repairs to Buildings and Equipment (B. 8)	100		
4	Repairs to Motor Vehicles (B. 8)	100		
	Materials			
5	Materials (C.)	200		
	Supplies			
6	Fuel (D. 2)	2,000		
7	Provisions (D. 3)	14,000		
8	Wearing Apparel and Hand Sewing Supplies (D. 4)	350		
9	Motor Vehicle Supplies (D. 6)	400		
10	Medical, Surgical and Laboratory Supplies (D. 7)	4,000		
11	Cleaning and Toilet Supplies (D. 8)	800		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Equipment			
	Household Utensils and Crockery (T. 1)	100		
	Table Linen and Bedding (T. 1)	350		
	Total General Maintenance	22,500	22,500	
	Total Isolation Hospital			50,848

SAN FRANCISCO HOSPITAL

Personal Service

218 San Francisco Hospital — Salaries and Wages (A. 1, A. 2, A. 3)

Segregated Allotments

EXECUTIVE DEPARTMENT

Superintendent	3,600
Secretary Clerk	1,800
Stenographer	1,080
Telephone Operators, 2 at $960	1,920
Night Telephone Operator	540
Relief Phone Operator	300
Watchman	900
Watchman	780
Gateman	720
Ambulance Driver	1,200
Teamster	960
Institutional Help, at $300	1,294
—1	15,094

MEDICAL DEPARTMENT

Resident Physician	1,500
Resident Physician, T. B. Dept.	1,080
Anaestheticist	900
House Officers, 5 at $300	1,500
Internes, 17 at $120	2,040
Surgical Dresser	1,200
X-Ray Operator	780
X-Ray Helper	300
—2	9,300

PHARMACY DEPARTMENT

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Druggist	1,500		
	Druggist, Assistant	600		
	Druggist, Helper	300		
—3		2,400		

NURSING DEPARTMENT

	Superintendent of Nurses	1,380	
	Assistant Superintendent of Nurses	1,080	
	Instructor of Training School	1,080	
	Operating Room Nurse	1,080	
	Assistant Operating Room Nurse	720	
	Nurse in Charge of Nurses' Home	720	
	Graduate Nurses, 3 at $900	2,700	
	Graduate Nurses, 13 at $720	9,360	
	Post Graduate Nurses, 9 at $480	4,320	
	Pupil Nurses, 166 at $144	23,904	
	Orderlies, 6 at $300	1,800	
	Practical Nurses, 6 at $360	2,160	
—4		50,304	

SOCIAL SERVICE DEPARTMENT

	Social Service Worker	1,200	
	Office Helper	300	
—5		1,500	

STOREKEEPING DEPARTMENT

	Storekeeper	960	
	Commissary	1,800	
	Helper	480	
	Helper	300	
—6		3,540	

ENGINEERING DEPARTMENT

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Chief Engineer	2,100		
	Engineers, 3 at $1,500	4,500		
	Relief Engineer	750		
	Firemen, 3 at $1,200	3,600		
	Relief Fireman	600		
	Electrician	1,500		
	Plumber	1,800		
	General Mechanic	1,500		
	Helper	300		
—7		16,650		

HOUSEKEEPING DEPARTMENT

	Steward	1,320		
	Elevator Men, 3 at $720	2,160		
	Gardener	900		
	Lockerman	480		
	Tailor	480		
	Morguemen, 2 at $480	960		
	Incinerator Man	360		
	Seamstress	600		
	Seamstress	420		
	Chambermaid	480		
	Yardmen, 4 at $300	1,200		
	Chambermaids, 7 at $300	2,100		
	Utility Men, 6 at $240	1,440		
	Cook	420		
	Institutional Help, 25 at $300	7,500		
	Institutional Help, 10 at $270	2,700		
	Institutional Help, 15 at $240	3,600		
—8		27,120		

CULINARY DEPARTMENT

	Cook (Chef)	1,260		
	Cook, Butcher	1,200		
	Cooks, 5 at $1,080	5,400		
	Night Cook	480		
	Head Waiter	780		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Waiters, 4 at $672	2,688		
	Waitresses, 6 at $480	2,880		
	Pantryman	600		
	Dietitian	900		
	Institutional Help, at $300	13,500		
—9		29,688		
	LAUNDRY DEPARTMENT			
	Superintendent	1,200		
	Washer	540		
	Laundrymen, 2 at $480	960		
	Ironers, Body, 2 at $420	840		
	Ironers, Hand, 2 at $420	840		
	Institutional Help, at $300	3,600		
—10		7,980		
	Total Salaries and Wages		163,576	
219	General Maintenance			
	Segregated Allotments			
	Services other than Personal			
	1 Communication (B. 3)	30		
	2 Printing (B. 6)	40		
	3 Repairs to Equipment (B. 8)	1,500		
	4 Special Contractual Service (B. 9)	430		
	Materials			
	5 Lumber (C. 1)	500		
	6 Paints and Painters' Materials (C.2)	700		
	7 Fibre Products (C. 3)	50		
	8 Metallic Products and Plumbing Materials (C. 4)	1,500		
	9 Non-Metallic Mineral Products (C.5)	200		
	10 Other Materials (C. 9)	50		
	Supplies			
	11 Stationery (D. 1)	250		
	12 Fuel (D. 2)	19,500		
	13 Provisions (D. 3)	175,000		
	14 Wearing Apparel and Hand Sewing Supplies (D. 4)	3,500		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	15 Motor Vehicle Supplies (D. 6)	750		
	16 Medical, Surgical and Laboratory Supplies (D. 7)	28,500		
	17 Cleaning and Toilet Supplies (D. 8)	4,750		
	18 Other Supplies (D. 9)	2,250		
	Equipment			
	19 General Hospital Equipment	3,000		
	Total General Maintenance	$242,500	$ 242,500	
	Total San Francisco Hospital			$406,076

EMERGENCY HOSPITAL

Personal Service

Emergency Hospital

220	Salaries (A. 1, A. 2)			
	Segregated Allotments			
	Salaries, Permanent Positions			
	Chief Surgeon	$2,400		
	Chief Steward	2,100		
	Clerk-Stenographer	1,200		
	Surgeons, 12 at $1,320	15,840		
	Stewards, 23 at $1,320	30,360		
	Nurses, 7 at $1,080	7,560		
	Matrons, 3 at $1,080	3,240		
	Seamstress	840		
	Drivers, 15 at $1,440	21,600		
	Drivers, 2 at $1,200	2,400		
—1		$87,540		
	Salaries, Temporary Positions			
	Relief Matron	120		
	Relief positions during vacations	3,763		
—2		$3,883		
	Total Salaries		$91,423	
221	General Maintenance			
	Segregated Allotments			
	Services other than Personal			
	1 Transportation (B. 1, B. 2)	$500		
	2 Repairs to Ambulances (B. 8)	2,000		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Supplies			
3	Stationery (D. 1)	25		
4	Fuel (D. 2)	750		
5	Provisions (D. 3)	3,000		
6	Wearing Apparel and Hand Sewing Supplies (D. 4)	1,400		
7	Motor Vehicle Supplies (D. 6)	1,300		
8	Medical, Surgical and Laboratory Supplies (D. 7)	3,875		
9	Cleaning and Toilet Supplies (D. 8)	1,750		
10	Other Supplies (D.)	150		
	Equipment			
11	Blankets and Floor Coverings, Kitchen Utensils and Crockery (T. 1)	250		
12	Ambulances (T. 7)	4,000		
	Total General Maintenance	$19,000		
	Total for Emergency Hospital			$110,423

TUBERCULOSIS BUREAU

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
222	Social Service Workers, 5 at $1,000		$5,000	
223	General Maintenance (X.)		145	
	Total for Tuberculosis Bureau			$5,145
	Total for Health Department			$1,011,189

JUSTICES' COURTS

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
224	Justices, 5 at $4,200		$21,000	
225	Justices' Clerk		3,000	
226	Chief Deputy		1,800	
227	Cashier		1,800	
228	Deputy Clerks, 3 at $1,500		4,500	
229	Messenger and Deputy Clerk		1,500	
			$33,600	
	Total for Justices' Court			$33,600

JUVENILE COURT

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
230	Probation Officer		$2,700	
231	Assistant Probation Officers, 2 at $2,100		4,200	
232	Assistant Probation Officers, 8 at $1,500		12,000	
233	Assistant Probation Officer		1,200	
234	Assistant Probation Officer		1,080	
235	Clerk-Stenographer		1,500	
236	Stenographer		1,200	
237	Clerk-Stenographer		1,080	
238	Stenographer		960	
239	Collector		1,500	
240	Filing Clerk		600	
241	Bookkeeper		1,200	
242	Deputy Probation Officers, 2 at $1,080		2,160	
243	Deputy Probation Officer		1,020	
244	Deputy Probation Officer		900	
245	Office Assistant		600	
246	Legal Assistant		1,200	
			$35,100	
247	General Maintenance			
	Segregated Allotments			
	Services other than Personal			
	Transportation and Communication (B. 1 B.3)	$2,000		
	Telephone and Telegraph (B. 3)	200		
	Repairs to Equipment (B. 8)	100		
	Supplies (D.)	300		
	Fixed Charges and Contributions			
	Premium on Bonds (H. 4)	120		
	Equipment			
	Typewriter and Office Equipment (T. 1)	250		
	Contingencies (X.)	280		
	Total General Maintenance	$3,250	$3,250	
	Total for Juvenile Court			$38,350

JUVENILE DETENTION HOME

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
248	Superintendent		$1,500	
249	Assistant Superintendent		1,200	
250	Night Assistant		1,020	
251	Matron		1,200	
252	Night Matron		600	
253	Nurses, 4 at $600		2,400	
254	Clinic Nurse		720	
255	Cook		600	
256	Laundress		600	
257	Orderly		720	
258	Dentist		240	
			$10,800	
	Services other than Personal			
259	Transportation (B. 1)		150	
	Supplies			
260	Provisioning and other General Supplies (D.)		9,320	
	Contingencies			
261	Contingencies—(House Committee) (X.)		1,200	
	Total for Juvenile Detention Home			$21,470

LAW LIBRARY

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
262	Librarian		$3,600	
263	Assistant Librarian		1,800	
	Total for Law Library			$5,400

MAYOR

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
264	Mayor		$6,000	
265	Secretary		2,400	
266	Assistant Secretary		2,100	
267	Stenographer		1,500	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
268	Stenographer		1,200	
269	Stenographer		900	
270	Telephone Operator		1,020	
271	Usher		900	
272	Chauffeur		1,800	
			17,820	
	Fees			
273	Stenographer's Fees (A. 4)		150	
	Contingencies			
274	Charter Contingent Fund (X.)		3,600	
275	General Maintenance			
	Segregated Allotments			
	Services other than Personal			
	Communication Service (B. 3)	350		
	Motor Vehicle Storage and Care (B. 53)	300		
	Printing (B. 6)	50		
	Supplies			
	Automobile Tires (D. 6)	350		
	Other Automobile Supplies (D. 6)	150		
	Contingencies (X.)	390		
	Total General Maintenance	1,590	1,590	
	Total for Mayor			23,160

PLAYGROUND COMMISSION

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
276	Secretary		2,100	
277	Assistant Secretary		1,500	
278	Directors, 8 at $1,200		9,600	
279	Director		1,080	
280	Directors, 4 at $1,020		4,080	
281	Directors, 2 at $900		1,800	
282	Itinerant Directors, 3 at $900		2,700	
283	Gardeners, 5 at $1,080		5,400	
284	Caretaker		1,200	
285	Caretaker		1,080	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
286	Caretakers, 2 at $960		1,920	
287	Bath House Attendant		1,200	
288	General Foreman		1,200	
289	Consulting Superintendent		1,000	
290	Superintendent Boys' Activity		1,380	
291	Directors, 20 at $250		5,000	
			42,240	
	Wages—			
292	Skilled and Unskilled Labor (A. 3)		10,000	
	Services other than Personal (B.)			
293	Transportation, Communication, Printing and Special Contractual Service		2,500	
	Materials			
294	General Materials (C.)		3,000	
	Supplies			
295	General Supplies (D.)		3,000	
	Heat, Light, Power and Water			
296	Light, Power and Water (E.)		3,000	
	Hired Teams and Equipment			
297	Hired Teams (G.)		1,000	
298	Playground Improvements			
	Segregated Allotments			
	1 Jefferson Square	5,000		
	2 Funston Square	3,000		
	Total Playground Improvements	8,000	8,000	
299	Purchase of Land and Development S. E. Mission Playground		25,000	
	Equipment			
300	Playground Equipment (T.)		4,260	
	Contingencies			
301	General Maintenance		8,000	
	Total for Playground Commission			110,000

POLICE COURTS

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
302	Judges, 4 at $3,600		14,400	
303	Court Stenographers, 4 at $2,400		9,600	
	Total for Police Courts			24,000

POLICE DEPARTMENT

Personal Service

Salaries, Permanent Positions (A. 1)

304 Police Department Salaries
Segregated Allotments

POLICE COMMISSIONERS

Commissioners, 4 at $1,200		4,800
Secretary		1,500
Stenographer		1,800
—1		8,100

GENERAL OFFICE AND ADMINISTRATION

Chief of Police		4,000
Confidential Clerk		2,400
Chief Clerk		2,400
Surgeon		1,500
Lieutenant		1,920
Sergeants, 2 at $1,680		3,360
Corporals, 3 at $1,560		4,680
Property Clerk		2,400
Patrolmen, 18 at $1,464		26,352
Telephone Operators, 4 at $1,020		4,080
Relief and Vacation Operator		300
—2		53,392

DETECTIVE BUREAU

Captain of Detectives		3,000
Lieutenants, 2 at $1,920		3,840
Sergeants, 6 at $1,680		10,080
Corporals, 3 at $1,560		4,680

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Detective Sergeants, 25 at $1,800	45,000		
	Patrolmen, 52 at $1,464	76,128		
	Photographer	1,800		
	Clerk-Stenographers, 2 at $1,200	2,400		
	Women Protective Officers, 3 at $1,200	3,600		
—3		150,528		
	DIVISION OF CITY PRISON			
	Lieutenant	1,920		
	Sergeant	1,680		
	Corporal	1,560		
	Patrolmen, 13 at $1,464	19,032		
	Matrons, 4 at $1,080	4,320		
	Cook	1,200		
—4		29,712		
	UNIFORM FORCE AND OTHER EMPLOYEES			
	Captains, 9 at $2,400	21,600		
	Lieutenants, 14 at $1,920	26,880		
	Sergeants, 63 at $1,680	105,840		
	Corporals, 45 at $1,560	70,200		
	Patrolmen, 666 at $1,464	975,024		
	Patrol Drivers, 26 at $1,440	37,440		
	Hostlers, 9 at $1,200	10,800		
	Engineers, 3 at $1,500	4,500		
—5		1,252,284		
	Total Police Department Salaries		1,494,016	
	Contingencies			
305	Police Contingent Fund (X.)		9,000	
306	General Maintenance			
	Segregated Allotments			
	1 Services other than Personal (B.)	8,700		
	2 Materials (C.)	295		
	3 Supplies (D.)	26,875		
	4 Heat, Light, Power and Water (E.)	735		
	5 Equipment (T.)	4,695		
	Total for General Maintenance	41,300	41,300	
	Total for Police Department			1,544,316

RECORDER

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
307	Recorder		4,000	
308	Chief Deputy		2,400	
309	Assistants, 5 at $1,800		9,000	
310	Clerks, 9 at $1,500		13,500	
311	Machinist		1,500	
			30,400	
	Fees			
312	Copyist Fees (A. 4)		34,650	
	Fixed Charges and Contributions			
313	Vacation Allowance (H. 8)		1,350	
	Total for Recorder			66,400

SEALER OF WEIGHTS AND MEASURES

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
314	Sealer of Weights and Measures		2,400	
315	Chief Deputy Sealer		1,800	
316	Deputies, 5 at $1,800		9,000	
317	Clerk-Stenographer		1,200	
			14,400	
318	General Maintenance		2,500	
	Total for Sealer of Weights and Measures			16,900

SHERIFF

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
319	Sheriff		8,000	
320	Under Sheriff		2,400	
321	Cashier		2,400	
322	Attorney		1,800	
323	Secretary and Office Deputy		1,800	
324	Chief Bookkeeper		1,800	
325	Assistant Bookkeepers, 2 at $1,500		3,000	
326	Office Deputies, 12 at $1,500		18,000	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
327	Bailiffs, 17 at $1,200		20,400	
328	Bailiff and Headkeeper		1,500	
329	Chief Jailer		1,800	
330	Jailers, 10 at $1,200		12,000	
331	Superintendent of Jails		1,800	
332	Assistant Jailers, 28 at $1,080		30,240	
333	Chief Matron		1,200	
334	Commissary		1,500	
335	Van Driver		900	
336	Bookkeeper (All Jails)		1,500	
337	Stenographer		1,200	
338	Driver		900	
339	Cook		1,080	
340	Cook		900	
341	Druggist		1,200	
342	Chauffeur		1,500	
			118,820	
	Supplies			
343	Provisioning and Other General Supplies (D.)		65,000	
	Contingencies			
344	Contingencies (X.)		2,500	
	Equipment			
345	Equipment (T.)		1,000	
	Total for Sheriff			187,320

SUPERIOR COURTS

GENERAL OFFICE

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
346	Superior Judges, 16 at $3,000		48,000	
347	Secretary		3,000	
348	Messenger		960	
349	Interpreters, 8 at $1,200		9,600	
350	Telephone Operator		1,200	
			62,760	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Fees			
351	General Court Fees			
	Segregated Allotments			
	1 Stenographers (A. 45)	20,000		
	2 Jury Fees, Witnesses, etc. (A. 4)	27,800		
	3 Court Orders (A. 46)	4,000		
	Total General Court Fees	51,800	51,800	
	GRAND JURY			
	Contingencies			
352	General Expense (X.)		3,000	
	Total for Superior Courts			117,560
	TAX COLLECTOR			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
353	Tax Collector		4,000	
354	Chief Deputy		2,400	
355	Cashier		2,400	
356	Accountant		2,400	
357	Special Deputies, 6 at $1,800		10,800	
358	Assistant Cashier		1,800	
359	Expert Searchers, 2 at $1,800		3,600	
360	Deputies, 19 at $1,500		28,500	
361	Acting Deputy		1,500	
362	Stenographer		1,380	
363	Clerk		1,200	
			59,980	
	Salaries, Temporary Positions (A. 2)			
364	Clerks, at $100 a month		6,700	
365	Cashiers, at $150 a month		1,200	
			7,900	
	Services other than Personal (B.)			
366	Advertising, Printing and Transportation		2,500	
	Contingencies			
367	Contingencies (X.)		188	
	Total for Tax Collector			70,568

TREASURER

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
368	Treasurer		4,000	
369	Chief Deputy		2,400	
370	Clerk		1,200	
371	Cashier		3,600	
372	Bank and Bond Deputy		3,000	
373	Coupon Clerk		1,800	
374	Deputies, 2 at $2,400		4,800	
375	Bookkeeper		2,400	
376	Assistant Bookkeeper		1,800	
377	Clerks, 2 at $1,800		3,600	
			28,600	
	Total for Treasurer			28,600

WIDOWS' PENSION BUREAU

	Personal Service			
	Salaries, Permanent Positions (A. 1)			
378	Director		1,800	
379	Assistant Director		1,200	
380	Social Service Nurse		1,200	
381	Stenographer-Bookkeeper		1,080	
			5,280	
	Services other than Personal (B.)			
382	Transportation, Communication, Printing and Special Contractual Service		450	
	Supplies			
383	General Supplies (D.)		50	
	Fixed Charges and Contributions (H.)			
384	Widows' Pensions (H.)		125,000	
	Total for Widows' Pension Bureau			130,780

BOARD OF PUBLIC WORKS

385	General Departmental Expenses			
	Segregated Allotments			
	Commissioners' Office			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
	1 Commissioners and General Office Employees	30,360		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Accounting and General Administration			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
2	Bookkeeping, Timekeeping and Cost Keeping Employees	39,780		
	Services other than Personal			
3	Hire of Autos and Buggies (B.1-B.2)	8,640		
4	Carfares (B. 11)	2,000		
5	Motor Vehicle Repairs (B. 8)	3,000		
	Supplies			
6	General Supplies (D.)	2,500		
	Total for Accounting and General Administration	55,920		
	Stores and Yards			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
7	Storekeeping and Yard Employees	10,320		
	Wages			
8	Yard Employees (A. 3)	986		
	General Maintenance Items			
9	Services other than Personal (B.)	2,200		
10	Materials (C.)	100		
11	Supplies (D.)	700		
12	Vacation and Holiday Allowances (H. 8)	139		
	Total for Stores and Yards	14,445		
	Bureau of Streets			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
13	Clerks, Draftsmen and Inspectors	17,100		
	Building Inspection			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
14	Building Inspectors, Examiners and Clerks	30,900		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Building Maintenance and Operation			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
15	Janitors, Engineers, Firemen, Elevator Operators and Watchmen	110,040		
	Salaries, Temporary Positions (A. 2)			
16	Engineer and Fireman	463		
17	Supplies and Maintenance, Including Janitorial Supplies, Fuel Oil, Electric Power, Lamps, General Supplies, and Repairs and Upkeep of Elevators and Engines	20,000		
	Total for Building Maintenance Operation	130,503		
	Bureau of Architecture			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
18	Draftsmen and Clerks	12,480		
	Sewage Pumping Stations			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
19	Watchman	1,200		
	Heat, Light, Power and Water			
20	Electric Light and Power (E. 3)	3,500		
21	General Maintenance	5,300		
	Total for Sewage Pumping Stations	10,000		
	Bureau of Engineering (General Expense)			
	Supplies (D.)			
22	Photostat Supplies and Maintenance	3,000		
23	General Supplies	2,000		
	Contingencies			
24	Contingencies (X.)	3,000		
		8,000		
	Total for General Departmental Expenses		309,708	

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
386	Bureau of Engineering—Salaries (A. 1-A. 2)		145,000	
387	Street Repair and Reconstruction, and Bridge, Stores and Yard Operation			
	Segregated Allotments			
	Stores and Yards (Partial)			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
	1 Watchmen	1,500		
	Wages (A. 3)			
	2 Laborers	6,890		
		8,390		
	Fixed Charges and Contributions			
	3 Vacation Allowances for Wage Employees (H. 8)	860		
	Hired Teams and Equipment			
	4 Hired Teams (G. 1)	3,270		
	Total for Stores and Yards (Partial)	12,520		
	Bridge Operation and Repair			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
	5 Engineers and Watchmen	14,690		
	Wages (A. 3)			
	6 Carpenters	1,450		
		16,140		
	Services other than Personal			
	7 Repairs to Bridges (B. 8)	2,630		
	Materials			
	8 Miscellaneous Materials (C.)	320		
	Heat, Light, Power and Water			
	9 Electric Light and Power (E. 3)	2,500		
	Total for Bridge Operation and Repair	21,590		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Street Repair and Reconstruction			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
10	Superintendents, Engineers, Firemen, Foremen and Clerks	20,500		
	Wages (A. 3)			
11	Foremen and Employees	174,730		
		195,230		
	Services other than Personal (B.)			
12	Transportation, Hauling, Communication and Special Contractual Services	19,410		
	Materials (C.)			
13	Cement, Asphalt, Basalt Block and Other Construction Materials	94,240		
	Supplies (D.)			
14	Fuel and Motor Vehicle and Miscellaneous Supplies	9,160		
	Heat, Light, Power and Water			
15	Electric Light and Power (E. 3)	820		
	Hired Teams and Equipment			
16	Hired Teams (G. 1)	73,000		
	Fixed Charges and Contributions			
17	Insurance (H. 4)	2,500		
18	Vacation Allowance for Wage Employees (H. 8)	27,570		
19	Royalties and Other Fixed Charges (H. 6)	2,450		
	Equipment			
20	Motor Vehicles (T. 7)	7,050		
21	Construction and Repair Equipment (T. 4)	1,800		
	Total for Street Repair and Reconstruction	433,230		
	Total for Street Repair and Reconstruction — Bridge, Stores and Yard Operations		467,340	
388	Street Cleaning and Yard Operation Segregated Allotments			

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Stores and Yards (Partial)			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
1	Blacksmiths, Machinists and Painters	3,990		
	Wages (A. 3)			
2	Laborers	5,970		
		9,960		
	Fixed Charges and Contributions			
3	Vacation Allowances for Wage Employees (H. 8)	270		
	Total for Stores and Yards (Partial)	10,230		
	Street Cleaning			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
4	Superintendents, Watchmen, Clerk and Chauffeurs	15,180		
	Wages (A. 3)			
5	Sweepers and Foremen	153,647		
		168,827		
	Services other than Personal (B.)			
6	Transportation, Auto Storage and Equipment Repair Services	5,690		
7	Rental of Dumps	4,300		
	Materials (C.)			
8	Lumber, Hardware and Fibre Products	4,020		
	Supplies (B.)			
9	Motor Vehicle and Miscellaneous Supplies	2,220		
	Heat, Light, Power and Water (E.)			
10	Light and Water	4,840		
	Hired Teams and Equipment			
11	Hired Teams (G. 1)	128,340		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Fixed Charges and Contributions			
	12 Insurance (H. 4)	1,500		
	13 Vacation Allowance for Wage Employees (H. 8)	20,430		
	Equipment			
	14 Motor Sweeper (T. 5)	5,500		
	15 Other Street Cleaning Equipment (T. 5)	1,950		
		178,790		
	Total for Street Cleaning		357,847	
389	Sewer Maintenance, Repair and Cleaning Segregated Allotments			
	Stores and Yards (Partial)			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
	1 Watchmen	1,760		
	Hired Teams and Equipment			
	2 Hired Teams (G. 1)	3,250		
	Total for Stores and Yards (Partial)	5,010		
	Sewer Maintenance, Repair and Cleaning			
	Personal Service			
	Salaries, Permanent Positions (A. 1)			
	3 Superintendents	4,470		
	Wages (A. 3)			
	4 Foremen, Laborers, Cribbers, Cleaners, Bricklayers and Hodcarriers	73,591		
		78,061		
	Services other than Personal			
	5 Transportation and Equipment Repair Service (B. 1, B. 2, B. 3)	620		
	Materials (C.)			
	6 Cement, Pipe, Brick and Other Construction Materials	15,990		
	Supplies (D.)			
	7 Motor Vehicle and Miscellaneous Supplies and Rubber Boots	1,810		

Appropriation No.		Segregated Allotments	Appropriations	Departmental Totals
	Heat, Light, Power and Water			
8	Light and Power (E. 3)	70		
	Hired Teams and Equipment			
9	Hired Teams (G. 1)	28,210		
	Fixed Charges and Contributions			
10	Insurance (H. 4)	350		
11	Vacation Allowances for Wage Employees (H. 8)	9,720		
	Equipment			
12	Motor-driven Sewer and Cesspool Deductor (T. 5)	7,500		
		64,270		
	Total for Sewer Maintenance, Repair and Cleaning		147,341	
	Total for Board of Public Works			1,427,236
	BOARD OF PARK COMMISSIONERS			
390	Park Fund		380,000	380,000
	BOARD OF EDUCATION			
391	Common School Fund		2,375,000	
392	Kindergartens		10,000	
	Total for Board of Education			2,385,000
	BOARD OF FIRE PENSION FUND COMMISSIONERS			
393	Secretary (A. 1)		600	
394	Pensions and Retirement Allowance (J.)		119,400	
	Total Board of Fire Pension Fund Commissioners			120,000
	PUBLIC LIBRARY TRUSTEES			
395	Public Library Fund		122,350	122,350

GRAND TOTAL, $15,721,790

Passed for Printing—Board of Supervisors, San Francisco, May 25, 1917.

Ayes—Supervisors Brandon, Deasy, Hayden, Hilmer, Hocks, Hynes, Kortick, Lahaney, McLeran, Mulvihill, Nelson, Suhr, Walsh, Welch, Wolfe—15.

Noes—Supervisors Gallagher, Nolan, Power—3.

J. S. DUNNIGAN, Clerk.

Finally Passed—Board of Supervisors, San Francisco, June 4, 1917.

Ayes—Supervisors Brandon, Deasy, Hayden, Hilmer, Hocks, Hynes, Kortick, Lahaney, McLeran, Mulvihill, Nelson, Suhr, Walsh, Welch, Wolfe—15.

Noes—Supervisors Gallagher, Nolan—2.

Absent—Supervisor Power—1.

J. S. DUNNIGAN, Clerk.

Approved:

JAMES ROLPH, JR., Mayor.

The foregoing Budget was finally passed by the Board of Supervisors on June 4, 1917, delivered to his Honor the Mayor at 11:45 a. m., June 6, 1917, returned by his Honor the Mayor to the Clerk of the Board of Supervisors at 10:15 a. m., June 16, 1917, and on June 22nd the Board of Supervisors met and acted upon the items vetoed by the Mayor and adopted the following:

"Resolved, That the Budget as originally presented to the Mayor with the exception of Item No. 34, reduced from $20,000 to $5,000, Item No. 49, eliminating $1,200 entirely, both vetoed by the Mayor and now sustained by the Board of Supervisors, be adopted as the Budget for the ensuing fiscal year."

Which resolution was adopted by the following vote:

Ayes—Supervisors Brandon, Deasy, Hayden, Hilmer, Hocks, Hynes, Kortick, Lahaney, Mulvihill, Nelson, Power, Suhr, Walsh, Welch, Wolfe—15.

Noes—Supervisors Gallagher, Nolan—2.

Absent—Supervisor McLeran—1.

J. S. DUNNIGAN,
Clerk of the Board of Supervisors.

Certified correct:

JAMES ROLPH, JR., Mayor.

TAX LEVY—1917-1918
City and County Roll of $553,500,000
City and County Rate $2.29

General Fund	$1.35600
Firemen's Relief Fund	.02200
Common School	.28500
Library	.02200
Park	.07000
School—Interest 3½% 1904	.00280
Street—Interest 3½% 1904	.00218
County Jail and Hall of Justice—Interest 3½% 1904	.00026
Library—Interest 3½% 1904	.00570
Playgrounds—Interest 3½% 1904	.00250
Park Extension—Interest 3½% 1904	.00110
Mission Park—Interest 3½% 1904	.00100
Polytechnic H.—Interest 4½% 1910	.00400
Water—Interest 4½% 1910	.04600
Hospital-Jail—Interest 4½% 1913	.00950
Fire Protection—Interest 5% 1908	.03536
Sewer—Interest 5% 1908	.02785
School—Interest 5% 1908	.03280
Hospital—Interest 5% 1908	.01210
Hall of Justice—Interest 5% 1908	.00530
Garbage System—Interest 5% 1908	.00360
City Hall—Interest 5% 1912	.07770
Exposition—Interest 5% 1912	.03940
School—Redemption 3½% 1904	.01600
Street—Redemption 3½% 1904	.00552
Jail—Redemption 3½% 1904	.00254
Library—Redemption 3½% 1904	.00560
Playground—Redemption 3½% 1904	.00250
Park Extension—Redemption 3½% 1904	.00120
Mission Park—Redemption 3½% 1904	.00110
Polytechnic High—4½% 1910	.00450
Hospital-Jail—Redemption 4½% 1913	.01790
Garbage System—Redemption 5% 1908	.00740
Hall of Justice—Redemption 5% 1908	.00810
Hospital—Redemption 5% 1908	.01540
School—Redemption 5% 1908	.03120
Sewer—Redemption 5% 1908	.01555
Fire Protection—Redemption 5% 1908	.01934
City Hall—Redemption 5% 1912	.03600
Exposition—Redemption 5% 1912	.03600
Total	$2.29000

STATE REFUND ON ROLL OF $716,500,000

(Prior to Nov. 8, 1910.)

Street—Interest 3½% 1904	.00148
Co. Jail and H. J.—Interest 3½% 1904	.00026
Library—Interest 3½% 1904	.00100
Playgrounds—Interest 3½% 1904	.00250
Park Extension—Interest 3½% 1904	.00110
Mission Park—Interest 3½% 1904	.00100
Fire Protection—Interest 5% 1908	.02730
Sewer—Interest 5% 1908	.01650
School—Interest 5% 1908	.01700
Hospital—Interest 5% 1908	.00610
Hall of Justice—Interest 5% 1908	.00320
Garbage System—Interest 5% 1908	.00360
Street—Redemption 3½% 1904	.00552
Co. Jail and H. J.—Redemption 3½% 1904	.00254
Library—Redemption 3½% 1904	.00560
Playgrounds—Redemption 3½% 1904	.00250
Park Extension—Redemption 3½% 1904	.00120
Mission Park—Redemption 3½%	.00110
Garbage System—Redemption 5% 1908	.00600
Hall of Justice—Redemption 5% 1908	.00460
Hospital—Redemption 5% 1908	.00760
School—Redemption 5% 1908	.01630
	.15800
Sewer—Redemption 5% 1908	.00920
Fire Protection—Redemption 5% 1908	.01480

VALUES OF PROPERTY IN, AND INDEBTEDNESS OF, EACH COUNTY FOR THE YEAR

COUNTIES.	Classification.	Number of Acres of Land Assessed	Value of Real Estate.	Value of Improvements on Real Estate.	Value of Personal Property.	Money and Solvent Credits.	Value of Non-Operative Property.
Alameda	3d class	441,753	$145,677,725	$66,763,400	$23,118,876	$1,989,113	$237,549,114
Alpine	58th "	39,318	466,252	103,102	49,152	.....	618,506
Amador	41st "	309,104	3,490,990	1,842,390	771,593	50	6,105,032
Butte	19th "	899,046	12,070,760	4,957,685	3,235,750	56,435	20,320,630
Calaveras	40th "	521,205	4,708,180	1,667,805	1,054,835	12,435	7,433,255
Colusa	44th "	612,736	11,437,980	1,648,915	2,074,565	40,500	15,201,960
Contra Costa	16th "	459,412	26,102,085	15,785,590	9,578,015	2,553,345	54,019,035
Del Norte	56th "	219,423	4,405,299	262,965	329,125	.....	4,997,389
El Dorado	45th "	668,879	4,994,665	1,194,355	821,245	1,715	7,011,980
Fresno	5th "	2,251,520	56,792,585	20,198,965	15,923,163	427,310	93,342,023
Glenn	46th "	630,001	13,008,521	1,630,658	2,395,593	.....	17,034,772
Humboldt	15th "	1,651,382	24,290,445	4,320,215	3,160,150	155,207	31,926,017
Imperial	36th "	1,033,269	19,426,614	3,311,471	5,196,315	.....	27,934,400
Inyo	47th "	274,619	6,624,550	1,306,555	1,525,788	6,533	9,463,426
Kern	11th "	3,376,815	50,184,954	12,798,101	19,943,904	7,315	82,934,274
Kings	32d "	830,378	10,750,195	2,930,905	3,224,840	22,655	16,928,595
Lake	50th "	366,197	3,391,765	974,525	550,159	25,670	4,942,119
Lassen	52d "	836,380	5,071,918	848,384	2,089,793	5,123	8,015,218
Los Angeles	1st "	1,107,791	523,805,635	177,390,035	95,132,437	13,899,208	810,227,315
Madera	42d "	774,604	11,412,100	1,193,550	1,734,400	1,305	14,341,355
Marin	22d "	306,720	13,970,025	6,064,695	1,837,415	17,095	21,889,230
Mariposa	54th "	342,129	2,350,395	479,447	707,174	2,350	3,539,366
Mendocino	24th "	1,668,359	11,655,715	2,364,515	2,606,501	35,092	16,661,823
Merced	33d "	1,171,358	16,423,195	3,279,845	4,102,685	.....	23,805,725
Modoc	49th "	693,173	4,935,395	1,038,630	1,859,305	145,185	7,978,515
Mono	57th "	177,548	1,440,635	828,630	425,975	1,130	2,696,370
Monterey	23d "	1,448,596	21,678,495	5,178,120	5,191,150	.....	32,047,765
Napa	26th "	411,128	9,242,175	5,711,035	2,796,935	49,390	17,799,535
Nevada	34th "	476,154	3,374,695	2,538,195	972,555	18,280	6,903,725
Orange	14th "	446,257	34,737,170	10,278,100	14,937,810	37,185	59,990,265
Placer	31st "	615,817	7,203,867	2,959,607	764,090	15,860	10,943,424
Plumas	51st "	561,391	5,609,060	798,270	1,699,349	20,670	8,127,349
Riverside	13th "	1,677,324	19,236,740	8,025,430	2,467,900	7,390	29,737,460
Sacramento	6th "	596,456	56,084,846	20,274,400	9,853,925	723,265	86,936,436
San Benito	43d "	593,432	6,082,040	1,706,900	1,776,270	.....	9,565,210
San Bernardino	8th "	2,027,459	26,765,430	13,787,030	3,602,665	42,030	44,197,155
San Diego	7th "	1,179,783	53,718,739	11,852,285	6,793,582	935,056	73,299,662
San Francisco	2d "	29,760	302,301,310	180,317,260	53,298,814	18,539,121	554,456,505
San Joaquin	9th "	865,842	38,494,743	15,980,871	8,923,579	336,250	63,735,443
San Luis Obispo	27th "	1,621,933	19,287,576	3,743,608	6,472,530	.....	29,503,714
San Mateo	20th "	305,972	12,533,410	19,799,830	2,143,365	267,405	34,744,010
Santa Barbara	17th "	1,038,201	19,083,640	8,461,845	7,195,820	6,650	34,747,955
Santa Clara	4th "	742,672	47,571,300	24,268,270	7,422,500	682,230	79,944,300
Santa Cruz	21st "	260,439	10,953,635	5,595,945	1,925,540	16,260	18,491,380
Shasta	28th "	1,479,290	10,443,755	2,564,825	1,798,050	.....	14,806,630
Sierra	53d "	333,908	1,661,950	414,435	213,200	1,965	2,291,550
Siskiyou	29th "	1,891,070	11,799,990	2,497,235	3,001,458	33,185	17,331,868
Solano	18th "	516,006	15,408,485	6,178,705	3,029,555	22,684	24,639,429
Sonoma	10th "	907,095	21,325,675	11,001,815	4,914,900	40,680	37,283,070
Stanislaus	25th "	870,900	18,810,890	6,543,140	4,975,500	140,995	30,470,525
Sutter	48th "	374,513	9,215,910	1,363,910	1,449,520	51,525	12,080,865
Tehama	37th "	1,300,800	9,157,540	2,428,835	2,864,925	102,005	14,553,305
Trinity	55th "	587,479	2,538,815	307,365	435,975	6,775	3,288,930
Tulare	12th "	1,457,828	29,855,240	9,914,300	6,226,225	27,265	46,023,030
Tuolumne	39th "	453,422	4,801,367	2,073,295	1,170,320	3,006	8,047,988
Ventura	30th "	591,656	22,402,725	4,010,295	3,197,934	33,330	29,644,284
Yolo	35th "	598,135	15,843,520	3,533,290	2,797,615	22,230	22,196,655
Yuba	38th "	398,784	4,850,140	1,954,670	2,730,295	14,655	9,549,760
Totals		48,322,621	$1,860,963,460	$731,248,449	$380,492,604	$41,602,113	$3,014,306,626

NOTE:—Where two rates of taxation are given, the lesser rate is that levied upon property

1917 AND RATE OF TAXATION (NO RATE FOR STATE PURPOSES THIS YEAR.)

Value of Property Assessed on Operative Roll.	Total Value of Property as Returned by Auditors.	Value of Railroads as Assessed by State Board of Equalization.	Grand Total of All Property.	Funded Debt.	Floating Debt with Estimated Interest.	Total County Indebtedness.	Total County Rate of Taxation on each $100 (no State Rate).
							In- Out-
$21,951,821	$259,500,935	$5,338,425	$264,839,360	.....	$24,208 60	$24,208 60	$1.08—$1.48
88,690	707,196	.....	707,196	.....	7,690 85	7,690 85	1.45
614,840	6,719,872	220,268	6,940,140	.....	.....	.....	1.60—2.00
2,148,885	22,469,515	3,558,405	26,027,920	.....	.....	.....	2.30—2.75
498,655	7,941,910	423,190	8,365,100	.....	.....	.....	1.75—2.15
392,836	15,594,796	1,023,767	16,618,563	$314,000	.....	314,000 00	1.40—1.90
2,103,755	56,122,790	4,297,064	60,419,854	161,000	.....	161,000 00	1.55—1.95
45,300	5,042,689	.....	5,042,689	.....	2,388 47	2,388 47	1.25—1.85
316,205	7,328,185	827,590	8,155,775	116,000	.....	116,000 00	1.70—2.10
6,044,386	99,386,409	8,515,019	107,901,428	.....	.....	.....	1.28—1.66
356,828	17,391,600	1,573,125	18,964,725	450,000	.....	450,000 00	1.33—1.73
1,014,925	32,940,942	1,718,200	34,659,142	.....	.....	.....	2.27—2.80
2,162,003	30,096,403	2,888,164	32,984,567	.....	.....	.....	1.55—2.15
1,333,840	10,797,266	3,435,827	14,233,093	17,500	.....	17,500 00	1.30—1.60
7,547,840	90,482,114	8,746,138	99,228,252	2,928,000	.....	2,928,000 00	.845—1.20
601,585	17,530,180	2,265,298	19,795,478	618,000	.....	618,000 00	3.10—3.70
21,730	4,963,849	.....	4,963,849	19,000	.....	19,000 00	1.65—2.25
174,096	8,189,314	2,759,270	10,948,584	100,000	.....	100,000 00	1.70—2.10
191,216,645	1,001,443,960	11,287,169	1,012,731,129	3,200,000	.....	3,200,000 00	.85—1.30
599,785	14,941,140	1,891,510	16,832,650	.....	.....	.....	1.50—1.90
712,915	22,602,145	1,232,825	23,834,970	.....	.....	.....	1.40—1.75
22,570	3,561,936	377,335	3,939,271	.....	.....	.....	2.30
805,799	17,467,622	1,587,575	19,055,197	55,000	.....	55,000 00	1.85—2.45
410,440	24,216,165	3,522,815	27,738,980	.....	.....	.....	1.50—2.10
80,215	8,058,730	231,982	8,290,712	.....	.....	.....	1.25—1.65
7,820	2,704,190	736.010	3,423,455	.....	.....	.....	1.70
743,263	32,791,028	3,794,069	36,585,097	484,000	.....	484,000 00	1.52—1.92
436,779	18,236,314	1,833,149	20,069,463	.....	.....	.....	1.60—2.00
937,570	7,841,295	840,419	8,681,714	.....	.....	.....	2.70—3.20
6,150,390	66,140,655	3,406,261	69,546,916	1,255,000	.....	1,255,000 00	1.30—1.70
1,516,057	12,459,481	2,650,687	15,110,168	.....	.....	.....	2.05—2.45
1,620,625	9,747,974	2,379,805	12,127,779	135,100	.....	135,100 00	1.70
1,464,460	31,201,920	5,759,760	36,961,680	1,255,000	.....	1,255,000 00	1.93—2.53
9,887,590	96,824,026	3,968,418	100,792,444	3,235,000	41,087 00	3,276,087 00	1.34—1.94
421,125	9.986,335	505,305	10,491,640	245,000	.....	245,000 00	2.15—2.40
7,078,145	51,275,300	18,110,672	69,385,972	1,900,000	.....	1,900,000 00	1.96—2.35
4,907,370	78,207,032	2,561,315	80,768,347	1,033,000	.....	1,033,000 00	1.95—2.65
237,146,831	791,603,336	354,381	791,957,717	44,400,100	.....	44,400,100 00	2.29
5,130,400	68,865,843	5,900,180	74,766,023	1,600,000	.....	1,600,000 00	1.50—1.90
886,611	30,390,325	2,169,031	32,559,356	62,000	.....	62,000 00	1.27—1.55
1,074,155	35,818,165	1,080,972	36,899,137	1,344,000	30,131 00	1,374,131 00	1.47—1.97
2,230,571	36.978,526	3,564,631	40,543,157	290,000	.....	290,000 00	2.00—2.55
7,298,995	87,243,295	2,600,802	89,844,097	300,000	.....	300,000 00	1.50—1.92
1,130,355	19,621,735	1,311,244	20,932,979	.....	.....	.....	1.70—2.33
1,897,510	16,704 140	1,819,768	18,523,908	.....	.....	.....	2.00—2.40
60,430	2,351.980	170,421	2,522,401	.....	.....	.....	1.75—2.25
910,390	18,242,258	3,418,847	21,661,105	.....	.....	.....	1.46—1.86
786.710	25,426,139	2,394,097	27,820,236	180,000	.....	180,000 00	1.55—1.95
1,786,340	39,069.410	2,785,875	41,855.285	244,000	.....	244,000 00	1.62—2.02
1,416,325	31,886,850	3,109,173	34,996,023	1,482,000	.....	1,482,000 00	1.70—2.00
325,564	12,406.429	1,639,051	14.045.480	20,000	.....	20,000 00	2.10—2.50
712,040	15,265.345	1,406,519	16,671.864	.....	.....	.....	1.88—2.30
71,095	3,360.025	169,675	3,529,700	.....	.....	.....	2.50
2,603,265	48,626.295	6,441,867	55,068.162	2,200,000	.....	2,200,000 00	1.70—2.20
1,427,264	9,475.252	470,500	9,945.752	.....	.....	.....	1.83—2.30
955,684	30,599.968	3,007,596	33,607.564	1,350.000	.....	1,350,000 00	2.34—2.68
812,015	23,008.670	2,742,478	25,751,148	190,000	.....	190,000 00	1.67—2.27
1,039,100	10,588.860	1,336,409	11,925,269	.....	.....	.....	1.90—2.30
$546,139,433	$3,560,446,059	$162,160,348	$3,722,606,407	$71,182,700	$105,505 92	$71,288,205 92	

situate within the limits of incorporated cities or towns, such property being exempt from road tax.

City Attorneys' Report

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir: In compliance with the requirements of Section 9, Article XVI of the Charter of the City and County of San Francisco, I have the honor to submit the following report for the office of the City Attorney for the fiscal year 1916-1917.

On the 6th day of March, 1917, the resignation of Hon. Percy V. Long as City Attorney was accepted by you as Mayor and I was appointed City Attorney for the unexpired term. The report covers the entire fiscal year 1916-1917 of the City Attorney's office and therefore much of the matter contained in the report took place during Mr. Long's incumbency. No effort has been made to differentiate those matters which were completed before my appointment.

The present organization of the City Attorney's office is as follows: I have two assistants, who each receive a salary of $3600 per annum; four who receive $3000 per annum each; one who receives $2400 per annum; one who receives $1800 per annum; a general clerk who receives $1800 per annum; two stenographers who receive $1200 per annum each; two stenographers, one messenger and one assistant clerk at $900 per annum each.

While the work of the City Attorney's office has been constantly increasing during the last five years, due to the activity of the City in promoting and carrying out its many projects, the number of assistants has not been increased and at the present time the force of the office is sufficient to carry on the work by reason of the long experience of most of the assistants in the office and by them giving their undivided time to the work of the City.

The personnel of the office is as follows: Thomas E. Haven, J. F. English, D. S. O'Brien, John Dailey, Maurice T. Dooling, Henry H. Hart, R. T. Ainsworth, Milton Marks, Joseph T. Curley, Thomas F. Gaffney, John Williams, Anna J. Pooley, Irene Murphy, Mabel A. Feiling, Annie Floy Hawes.

On May 31, 1917, Mr. Harry G. McKannay resigned as Assistant City Attorney, due to ill health and pressure of private business. I wish to add my appreciation of the valuable work that Mr. McKannay did for the City during his many years of service in this office.

Respectfully submitted,

GEORGE LULL,
City Attorney.

Dated August 1st, 1917.

RATE LITIGATION.

Since the close of the last Fiscal Year the City Attorney's Office has continued steadily with the disposition of the accumulated rate litigation. The Valuation Department, which had been previously organized under the direction of N. Randall Ellis, Valuation Engineer, has been continuing throughout the Fiscal Year and has effected very satisfactory economies in expenditures of handling this litigation, by reason of having all the work conducted in one department and under one head, instead of employing separate engineers for separate cases, as was formerly the practice. The following is a brief resume of progress in the various suits, and is followed by a classified statement of the expenses incurred by this office during the past Fiscal year in connection with this litigation.

SPRING VALLEY WATER RATE CASES.

FEDERAL COURT CASES.

The trial of these cases has already been completed during the preceding Fiscal Year. The argument of the cases before Master in Chancery H. M. Wright took place in August, 1916, and occupied some 17 days. The transcript of the argument covered 2145 pages and by direction of the Court was printed. At the conclusion of the argument the case was submitted and has been under submission during the entire Fiscal Year. Approximately two and one-quarter million dollars and now impounded with the Special Master in Chancery, a portion of which has been invested in Liberty Bonds.

On the 7th day of August, 1917, the Master in Chancery filed a draft of a proposed report to be made to the District Court, copies of which were furnished to this office. In a letter to the office the Master stated that on September 7th he would hear objections from both sides to his report and would then make a supplemental report based on the objections made by both parties and the draft of the report already filed by him. In the draft of the report the Master finds in favor of Spring Valley Water Company in all the cases and recommends that judgment be entered for the Company.

It is unnecessary to give an extended review of the report of the Master. It will suffice to state that the findings of the Master are unsatisfactory to the City and it is proposed to not only vigorously object to the adoption of the report by the District Court, but also, in case the Court should adopt the report and base its judgment thereon, to appeal therefrom.

For the last year of litigation, that is 1914-1915, the Master values the properties of Spring Valley, used and useful for water purposes, at approximately thirty-nine million dollars. He also finds that upon this valuation Spring Valley is entitled to a return of at least 7 per cent net. It is believed that this valuation is entirely too excessive and that the rate of return that the Master finds should be allowed to Spring Valley is entirely too high. Until the report has been made final, however, it is not necessary or proper to further discuss the matter, but, as already stated, this office intends to vigorously object to the valuation made by the Master of the Spring Valley properties and the amount of return that he finds should be allowed to the Company.

RAILROAD COMMISSION PROCEEDINGS.

In December, 1916, the State Railroad Commission, on its own initiative, ordered an investigation of the meter rate charges for water service, which was being greatly entended by the Spring Valley Water Company. The City Attorney's Office was represented at the hearing. The Commission refused to decide the question until a thorough investigation of the Company's properties and business could be made, and in the meantime ordered a flat rate schedule to be restored where it had theretofore existed.

Subsequent to that period the Spring Valley Water Company filed a petition asking that meter rates be established and that its revenues be increased. This application was consolidated with the petition for a reduction of rates already filed by the City Attorney's Office in behalf of the City and several hearings have been held. Great economy was effected in the presentation of the City's side of the case by filing in the Commission a copy of the entire record and all the exhibits which were used by the City in the cases before the Federal Court, the issues in both Court and Commission proceedings being in most respects identical. In addition to this every facility has been afforded to the experts of the Railroad Commission to gain whatever knowledge, information and data respecting the properties and business of the Company has been accumulated through this office during the past years of controversy. It is improbable that this case can be finally submitted and decided before the end of the present calendar year, at least. The City Attorney's Office will represent the City and the rate payers at all these hearings and present additional evidence necessary to supplement the Federal Court records already on file. Every effort is to be made before the Railroad Commission to secure a substantial reduction of water rates to an equitable basis. Also an effort is to be made to secure an adjustment of hydrant rates paid by the City, which are believed to be entirely too high.

GAS RATE CASES.

RAILROAD COMMISSION CASE.

The trial before the State Railroad Commission of the City's application for a reduction of the rates charged by the Pacific Gas and Electric Company for gas service in the City and County of San Francisco was completed during the Fiscal Year 1916-1917. Twenty-six hearings were held before the Commission. A total of 127 exhibits were filed. Forty witnesses were called, 7 on behalf of City, 20 on behalf of Company, 10 on behalf of Railroad Commission, 2 on behalf of Palo Alto Gas Company and 1 on behalf of San Francisco Apartment House Association. The record comprises 2100 pages of typewritten manuscript. Upon submission of the case, briefs were filed on behalf of the City and of the Company and a decision from the Commission is expected within a short time. The City Attorney's Office asked in its argument that the maximum rate charged for gas be reduced from 85 cents, which is now being charged under protection of the Federal Court injunctions, to 75 cents, at least. The action of the Commission will be awaited with general interest.

FEDERAL COURT CASES.

Three gas rate cases pending in the Federal Court involving the validity of gas rates fixed by ordinance by the Board of Supervisors for the years from 1913 to 1915, inclusive, were consolidated and the trial commenced before H. M. Wright, Master in Chancery, in April, 1917. To date 32 hearings have been held. The evidence covers 2296 pages of transcript, 68 exhibits have been filed and 25 witnesses have been called to the stand. The Company has not yet finished the presentation of its direct case. It is anticipated that the presentation of evidence and arguments will be concluded before the end of 1917. If the City is successful in this case there will be a refund to the gas rate payer of all sums collected in excess of the 75-cent rate, which was fixed by the Board of Supervisors' ordinances, amounting at the present date to about $1,250,000.

OTHER RATE LITIGATIONS.

ELECTRIC CASES.

Two electric cases are pending, one in the Federal Court and one in the Railroad Commission. During the last Fiscal Year considerable work has been done under the direction of the City Attorney's Office by the Valuation Depart-

ment in preparation for trial of both these cases. Extension work now being carried on by various electric companies in the City has been carefully followed in the field by the Valuation Engineers, and accurate cost data obtained for use in the appraisal of all electric properties. The inventory which was submitted by the Pacific Gas and Electric Company covering its electric properties in San Francisco has been checked as to the underground conduit and cable work and meters. When it is considered that there are about 80,000 electric consumers in San Francisco, each having a separate meter, an idea of the detail work involved in this checking can be had. It has been the policy of this office to secure as far as possible agreements with electric companies as to statistical data and actual cost. A great deal of time and expense in Court and the Commission is saved in this way, without in the least prejudicing the City side of cases.

TELEPHONE CASES.

Two cases are pending involving the question of Telephone Rates in San Francisco, one before the Railroad Commission and one before the Federal Court. One hearing was held before the Railroad Commission during the past year. Due to the fact that the Pacific Telephone and Telegraph Company has petitioned the Commission for a statewide appraisal and examination of its rates, considerable time will be consumed in this case, although it will only be necessary for the City Attorney to appear and present evidence with respect to that portion of it which affects San Francisco rates. The Valuation Department has had men checking the inventory of San Francisco Telephone properties and in conjunction with the Railroad Commission Engineers has followed the field work of the Telephone Company. Considerable data has been gathered bearing on underground and overhead construction. All data gathered by the City Engineers has been placed at the disposal of the Railroad Commission Experts, and they have in turn reciprocated by furnishing us with data relating to work being done outside of the City which might be applicable to San Francisco. A partial audit has been made of the Telephone Company's books, which will be completed in time for presentation at the various hearings.

COST OF RATE LITIGATION.

Feeling that it is a matter of considerable interest as to the exact amount that this class of litigation is costing the City, the following tabulated statement is submitted as showing the amounts actually expended through the City Attorney's Office during the past Fiscal Year.

SUMMARY.

Water Rates,	Federal Court	$ 5,646.78
	Railroad Commission	726.70
Gas Rates,	Federal Court	6,010.44
	Railroad Commission	6,519.67
Electric Rates		2,605.90
Telephone		1,087.95
Office Equipment		112.56
		$22,710.00

DETAILS OF EXPENDITURES BY CASES.

Spring Valley Rate Case, Federal Court—		
Engineering	$1,795.70	
Audit	525.00	
Stenographic and Clerical	743.50	
Stationery, Binding and Miscellaneous	341.53	
Court Fees and Transcript	1,205.90	
Printed Argument	1,035.15	
		$5,646.78

Spring Valley Rates, Railroad Commission—		
Engineering	620.00	
Stationery and Miscellaneous	106.70	
		726.70
Gas Rate Case, Federal Court—		
Engineering	2,464.73	
Audit	1,625.65	
Stenographic and Clerical	794.25	
Stationery and Miscellaneous	187.91	
Court Fees, Transcript	937.90	
		6,010.44
Gas Rate Case, Railroad Commission—		
Engineering	3,868.76	
Audit	419.75	
Stenographic and Clerical	879.90	
Stationery and Miscellaneous	388.56	
Transcript	737.70	
Printed Brief	225.00	
		6,519.67
Electric Rates—		
Engineering	2,417.70	
Stenographic and Clerical	81.00	
Stationery and Miscellaneous	107.20	
		2,605.90
Telephone Rates—		
Engineering	918.00	
Stenographic and Clerical	56.00	
Stationery and Miscellaneous	50.00	
Transcript	63.95	
		1,087.95
Office Equipment		112.56

POLICY AS TO RATE LITIGATION.

It is the desire and intention of this office to conclude all rate litigation, both in the Federal Courts and before the Railroad Commission, as soon as it is practicable to do so. It has been a constant expense to the City and if, as this office believes, the people are entitled to and will receive a favorable readjustment of all public utility rates, they should obtain the benefit of the same just as soon as it is possible to secure it.

HETCH HETCHY MATTERS.

The conduct of legal matters affecting the Hetch Hetchy project has been marked during the past Fiscal year by an innovation. In the light of the volume of legal business affecting this project and the desirability of having this work handled by one lawyer who could give his entire attention to it, the Board of Supervisors, upon recommendation of the City Attorney and the City Engineer, authorized the Board of Works to make a contract with Robert M. Searles, formerly Assistant City Attorney for the City, to handle all of this law work under general direction of the City Attorney's Office. This contract was made in March, 1917, so that the legal work prior to that date was handled directly by the City Attorney's Office, and since that date has been in Mr. Searles' charge. Inasmuch as the City Attorney is vested by the Charter with general authority and responsibility for all litigation affecting the City, it has of course. been advisable that there should be close co-operation between the new Hetch Hetchy Law

Department and the City Attorney's Office. This has in all instances been preserved and the results to date indicate that the new arrangement is affording a satisfactory solution of the problem which confronted the City Attorney of handling the great mass of general litigation, and at the same time of having at least one attorney devoting his time exclusively to the law work on the Hetch Hetchy project. The arrangement has the further advantage of not imposing a permanent burden on the general fund raised by annual taxation for the expense of legal work related solely to a project which is being constructed through the proceeds of bond issues. The expenses of the Hetch Hetchy Law Department are paid from the water supply bond proceeds, and the whole department will, of course, terminate with the completion of construction of the project. The following statements of legal accomplishments in the matter of this project may therefore be taken as the joint results of the work of the City Attorney's Office and the new Hetch Hetchy Law Department during the past Fiscal Year.

HETCH HETCHY LITIGATION.

CONDEMNATION CASES.

Two condemnation suits were tried in Tuolumne County and decrees obtained for the condemnation of rights of way for the Hetch Hetchy Railroad during the past year. In one of these cases (City and County vs. Cavagnaro et al.) the defendants asked $220,000 as compensation for a right of way across some mining claims. After a jury trial lasting three weeks a verdict was brought in awarding the land to the City for the sum of $160. Subsequently a final decree and writ of possession was obtained and the railroad is now constructed across the land in controversy. The other case was a friendly suit to acquire title to property held under administration of an estate. There are still three condemnation cases pending in Tuolumne County, two of them involving rights of way and one of them the acquisition of land owned by the Yosemite Power Company in the Poopenaut Valley.

WATER RIGHT SUITS.

The suit brought against the City by the Modesto Irrigation District in Stanislaus County to establish title to water rights in excess of the Raker Bill allowances is still pending. Through the efforts of the City Attorney's Office the case was transferred to San Joaquin County, and a stipulation made that it should only be tried before a judge upon whom both parties could agree. In the meantime, the City has continued its hydrographic surveys in the Modesto District under the general direction of the City Attorney's Office, with a view to gathering scientific data upon which the legal rights of both parties to the litigation can be accurately determined. This work, while it has necessitated some expense to the City in the employment of irrigation experts, is more than justified by the importance of having accurate data with which to offset the general theories heretofore promulgated by the representatives of the irrigation districts. The City's water rights on the Tuolumne River must be protected at all costs if the project is to be a success, for, of course, the City water rights are the very heart of the entire project.

There are still pending in Tuolumne County two suits brought by the National Park Electric Power Company affecting water rights on the Cherry and Tuolumne Rivers, but there seems little probability of their being seriously pressed by the plaintiff.

INTERIOR DEPARTMENT MATTERS.

The most notable victory won by the City during the past year before the Interior Department was the denial by the Secretary of the Interior of the application of the Yosemite Power Company for reservoir privileges in the Poopenaut

Valley. The importance to the City of this decision will be realized when it is remembered that the Poopenaut Valley lies on the Tuolumne River between the City's storage dam at Hetch Hetchy and the Early Intake where the tunnel aqueduct starts. Had the Yosemite Power Company been successful in this application, it would have been physically able, at least, to divert water from the Tuolumne below the City's storage dam, carry it around the Intake, and discharge it into the river at a point so low down as to make its recapture by the City impossible. The denial of this application removes one of the serious threats to the legal safety of the project.

There are still pending before the Department of the Interior and the Department of Agriculture other applications of the Yosemite Power Company for storage privileges on the South and Middle Forks of the Tuolumne. The City Attorney's Office has, during the past year, filed protests to the effect that these privileges should not be granted unless conditions are inserted in the permits which will forever protect the City in the fulfilment of its obligations under the Hetch Hetchy grant, with respect to the Modesto and Turlock Irrigation Districts. The City has also asked that an absolute denial be made of all applications for aqueduct rights on the Main Tuolumne above the South Fork where physical interference with the Hetch Hetchy project would be probable.

The National Park Electric Power Company has two applications pending with the Department of Agriculture for rights of way, one on the main Tuolumne and Cherry Rivers and the other on the South and Middle Forks of the Tuolumne. This office has filed protests against both of these applications and is confident of the same success which the City experienced in the Yosemite Power Company matter.

In addition to opposing the attempts of the Yosemite Power Company to establish conflicting rights, the City has applied for numerous privileges itself. During the past Fiscal Year applications were filed by the City Attorney's Office with the Department of the Interior for various rights of way for railroad, power lines, telephone lines, aqueduct lines and wagon road rights of way. Under the provisions of the Hetch Hetchy grant, all such applications and location maps had to be filed prior to December 19, 1916. A distinct effort was therefore made by the City Attorney's Office, in co-operation with the City Engineer, to secure every possible right of way privilege that would be needed in the construction of the project. Some of the applications have already been granted, and the others are progressing through the various bureaus of the Interior Department. Favorable action in the near future is anticipated. Acknowledgement is made at this point of the valuable work of the City's legal representative in Washington, D. C., Mr. R. Woodland Gates, who has rendered valuable services in following up these various applications in the several bureaus, and securing favorable action on them as soon as possible.

HETCH HETCHY RIGHT OF WAY ACQUISITION.

Acquisition of rights of way for the Hetch Hetchy project has been energetically continued during the past Fiscal Year by Mr. Joseph J. Phillips, the City's right of way agent. Aside from this task of keeping ahead of the contractors and construction crews in his purchases, which he has ably performed at a minimum expense to the project, he has succeeded in maintaining on every side in Tuolumne County friendly relations between the local inhabitants and San Francisco's representatives, a problem which is not always easy of solution where large construction work is in progress.

HETCH HETCHY RAILROAD.

The work of acquiring rights of way for the sixty-seven miles of the Hetch Hetchy Transportation Railroad has been practically completed during the current

Fiscal Year, and the railroad itself finished as far as the Middle Fork of the Tuolumne. This work has been expedited by the successful termination of the condemnation suit against Cavagnaro et al., to which reference was made hereinabove. Several owners who had been delaying settlement were influenced by the outcome of that litigation to accept the City's terms. During the past year approximately eight miles of right of way for railroad purposes were acquired from twenty-three owners of agricultural, homestead, mining claims, townsite lots and holdings through which the railroad line passes. Many claims for damages resulting from the construction of the road were settled.

AQUEDUCT RIGHTS OF WAY.

The work of acquiring the rights of way for the construction of the Hetch Hetchy tunnel aqueduct was commenced in the early part of 1917. To date, with the exception of one parcel, all of the aqueduct rights of way numbering eleven parcels hav been acquired through the mountain division of the Hetch Hetchy project—that is, between the Hetch Hetchy Dam Site and Priest Regulating Reservoir. A large portion of the aqueduct route is, of course, through government land, rights to which were secured under the terms of the Hetch Hetchy grant. Through private lands the policy has been followed of purchasing the fee of the land, with a view to using the surface for power transmission lines, while the aqueduct tunnel is constructed beneath the surface to a greater or less depth. It has also been necessary to acquire various shaft sites and dumping privileges in connection with the aqueduct route. Further privileges were acquired by the City's right of way agent for the boring of test holes, designed to enable the engineering department to ascertain the character of the formation through which the tunnel is to pass. Additional land has also been acquired to protect the drainage into the Priest Hill forebay from pollution.

POWER LINES.

As has been already explained, the power lines from the Early Intake Power House will be constructed over the surface of the aqueduct right of way.

In conclusion, it may be siad that the work of acquiring rights of way for the mountain division of the project has been nearly finished. There are a few litigated matters still pending, but it is probable that most of these can be adjusted satisfactorily to the City.

ADVISORY WORK.

Considerable time has also been given by the City Attorney's Office and the Hetch Hetchy Law Department to requests for legal advice on various matters connected with the project. Specifications for contracts have been examined and such assistance as was requested by the engineering department given in order to insure conformity with the law in drawing these specifications. An attempt has been made to furnish the City Engineer and his assistants in direct charge of the construction of this great project all possible co-operation from the legal department. Acknowledgement is gratefully made to Mr. John Gartland, attorney for the Board of Public Works, for his valuable assistance growing out of a long experience and expert knowledge of municipal contracts.

The portion of this report relative to the Hetch Hetchy project has been submitted to Mr. Searls, the attorney in charge of the Hetch Hetchy Law Department, and is approved by him as correct in respect to all matters which have been under his charge.

FOUR-TRACK LITIGATION.

The most signal victory by the City Attorney's Office during the last year was the decision by Judge Hunt in the United States District Court, sustaining the right of the City to parallel the tracks of the United Railroads on Market Street. The controversy arose over the right of the City to construct tracks on Market Street for the Church Street line, between Van Ness Avenue and Church Street. It is probably the most important decision of any court in this State on a public question given in many years.

Unless this decision had been obtained the Church Street line could not have been completed and the project of connecting up Church Street with Van Ness Avenue would possibly have had to be abandoned and a much inferior line constructed.

On the 18th day of January, 1917, Judge Hunt of the District Court held that the provisions of the franchises of the United Railroads did not prohibit the City from constructing tracks on Market Street paralleling the tracks of the United Railroads and that the City was at liberty to proceed to lay down its tracks on Market Street if it so desired. The United Railroads is perfecting an appeal from this decision, but it is felt by this office that the Supreme Court of the United States will unquestionably sustain the decision of the lower court.

MUNICIPAL RAILWAY LITIGATION.

There was pending at the beginning of the present Fiscal Year and carried forward from the preceding Fiscal Year twelve actions against the City and County of San Francisco for damages alleged to have been received in accidents arising out of the operation of the Municipal Railways. Of these actions six are still pending and with the exception of one, hereinafter referred to, are yet to be tried in the Superior Court. One action, that of Reigle vs. City and County of San Francisco, for damages due to the death of Harry H. Reigle in a collision between an automobile in which he was driving and a Municipal car at Geary and Steiner Streets, was determined in the Superior Court, after a second trial, adversely to the City and County, the jury returning a verdict in favor of the plaintiff therein for $10,000. A motion for a new trial in the action is now pending before the Superior Court. The remaining six of the above specified actions have been finally settled and determined in the following manner, to-wit:

Three by judgment in favor of the City;

One by judgment adverse to the City in the sum of $7500 and afterwards settled for $5000;

Two by compromise and settlement out of Court.

There was instituted during the present Fiscal Year 18 new actions against the City, practically all of them being for damages due to alleged personal injuries received in accidents on the Municipal Railways. Of these actions 11 are still pending—7 having been disposed of as follows:

Four by judgment in favor of the City;

Three by compromise and settlement before trial.

CLAIMS.

Accidents and claims filed and adjusted therein during the present Fiscal Year show a marked decrease from the number in the preceding Fiscal Year, this due, no doubt, to the end of the Exposition period and consequently less number of passengers carried and car miles operated.

A larger amount of money was expended in settlement of claims this Fiscal Year as compared with last, but of this money by far the greater amount was paid in the settlement of claims which arose out of accidents that took place during the Exposition year.

There is added to this report the table below, which is interesting from a statistical point of view:

MUNICIPAL RAILWAY CLAIMS DEPT.

Fiscal Year Ending June 30, 1917.

Total passengers carried during the year	36,234,723
Car miles operated	5,317,269.51
Number of passengers to mile	7
Number of accident reports filed	1,321
Number of accidents fatal	4
Number of accidents—personal injuries	529
Number of claims settled and adjusted	74
Number of suits instituted	18
Number of suits pending	25
Number of passengers carried per accident report	27,430
Number of passengers carried per personal injury report	68,497
Number of passengers carried per fatal accident	9,058,681

CLASSIFICATION AND PERCENTAGE OF VARIOUS KINDS OF ACCIDENTS

		Ratio
Car collisions	38	.0289
Auto and wagon collisions	749	.5670
Boarding moving car	155	.1173
Leaving moving car	115	.0870
Miscellaneous	264	.1998
Total	1,321	

Percentage of accident to passengers carried	.000036
Total revenue	$1,509,648.61
Total amount paid in accident claims	15,988.05
Ratio to operating revenue	.01

RECAPITULATION.

Amounts Paid—		
41	Personal damages	$15,131.90
18	Automobile damages	601.65
6	Wagons and vehicles	148.00
8	Damaged wearing apparel	76.50
1	Miscellaneous	30.00
	Total	$15,988.05

SAN CHRISTINA AND OTHER TAX LITIGATION.

There still remain for final determination a great number of suits brought for the recovery of taxes which have been levied in past years over and above the dollar limit formerly prescribed in the Charter. The first case which was brought to trial on the facts was the San Christina Investment Company vs. City and County of San Francisco, No. 35773, which has been tried, and all the evidence introduced before Judge Seawell. This case is for the recovery of taxes paid under protest for the Fiscal Year 1910-11. Being the first case which presented the actual facts and evidence to the Court, it is considered of very great importance. The trial extended over a period of some five months and the testimony comprises a record of some three thousand typewritten pages. There are sixty-seven cases for the same Fiscal Year, involving claims of approximately $320,000, all of which depend in a large measure upon a correct determination of the San Christina case.

This office feels gratified over the fact that, despite this large amount of money involved in these aggregated cases, it was able to make a final presentation of the San Christina case at a cost of less than $4000. It should be noted that this was done, although the case involved the validity of an excess levy of 29 cents to take care of earthquake and fire conditions with reference to: 1st, streets, sewers and public buildings; 2nd, Fire Department buildings and equipment; 3rd, Police Department buildings and equipment; 4th, School buildings and equipment; 5th, sanitation condition. All of the above caused by the fire and earthquake of 1906. This entire range of subject-matters, as existing at the beginning of the Fiscal Year 1910-11, and as created by the fire and earthquake of 1906, had to be presented in as clear a manner as possible to the Court.

Judge Seawell has requested that argument in the San Christina case be postponed until the Supreme Court has finally passed on the points of law involved in the case of Alexander Keyes vs. City and County of San Francisco. In this latter case action was brought for the recovery of taxes paid over the dollar limit, for the Fiscal Year 1911-12. It is to a certain extent a test case for that year and for the years 1912-13, 1913-14 and 1914-15. That is, so far as certain points of law are concerned.

The principal points involved are the right of a taxpayer to sue at all for the recovery of taxes paid to the City and County of San Francisco. This office has presented the claim that the Code sections on this subject do not apply to San Francisco. Also that the old Charter limit of taxation of $1 on $100 valuation, referred only to taxes raised for municipal purposes and not to taxes raised for county or state purposes. The case was decided in favor of the City in both the Superior Court and the District Court of Appeal. A petition for hearing in the Supreme Court was then granted by the latter Court and the matter has been argued and submitted to that Court, but not yet decided.

Nine hundred cases involving taxes for the Fiscal Years 1911-12, 1912-13, 1913-14 and 1914-15, have been filed against the City and the amounts of taxes involved is approximately $1,176,404.30.

These figures suggest the great importance of the points of law at issue in the Keyes case and also of the correct determination of the actual existence of an emergency and necessity authorizing the excess levy, in the San Christina case, in which case voluminous evidence on this point was submitted to the Court.

The Charter amendment adopted by the people of this City, and approved by the Legislature in 1915, removed many of the former limitations placed upon the tax leying powers of the Board of Supervisors. As a result no suits have been brought on the tax levy for 1915-16 or for 1916-17.

TWIN PEAKS TUNNEL.

The Twin Peaks Tunnel was completed in the month of June, 1917, and accepted by the City. It was over three years in building and many legal matters connected with the actual construction of the project, the levying and collection of the assessments, and litigation connected therewith, required the constant attention of this office. The original proceedings for the levying of the assessment were prepared in the City Attorney's Office and it is gratifying to observe that this very large project has been completed under the procedure outlined by the office.

There is still pending several cases involving the legality of the assessment, all of which have been determined favorable to the City in the lower Court, and there is every reason to believe that the decision of the lower Court will be sustained.

STOCKTON STREET TUNNEL.

During the last year the Supreme Court has decided in favor of the City, sustaining the proceedings under which the Stockton Street Tunnel was constructed. The test case was entitled Hayne vs. City and County of San Francisco

and in that case the Supreme Court sustained fully the Stockton Street Tunnel proceedings. The case is an important one to the City for the reason that it finally places approval on the method of procedure that was employed in both the Stockton Street Tunnel and the Twin Peaks Tunnel, and it is believed that this decision settles the controversies that arose from dissatisfied property owners in the Twin Peaks Tunnel assessment district.

The Twin Peaks Tunnel project and the Stockton Street Tunnel project were the two largest projects ever undertaken under the assessment plan. The procedure for carrying them through was new and novel and the Hayne case has settled in this State many disputed points in local improvement matters.

EXTENSION OF THE BOULEVARD SYSTEM.

The City Attorney's Office has been called upon during the past year to acquire numerous tracts of land needed by the City for the extension of the great boulevard system now under construction. A brief mention may be made of some of the more important purchases for this purpose.

MARINA BOULEVARD.

Through arrangements made with the property owners along the route of this proposed boulevard, a considerable area of land has been acquired for its construction without the expenditure of any money. The consideration given in each case was a deed to the land contained in adjacent streets which were necessarily closed through the construction of the boulevard. The area so deeded in exchange was in every case less than that acquired by the City. Arrangements have now been completed for the acquisition of all the land needed for this boulevard between Van Ness Avenue and the Presidio.

HUNTERS POINT ROAD.

The exigencies of naval construction and the demand for a residential district in the neighborhood of the great industrial center of the City has made it imperative that a paved street be built through the entire length of Hunters Point, terminating at the present Union Iron Works Dry Dock. The City Attorney was directed by resolution of the Board of Supervisors to acquire the land for the purpose of this proposed street, which is to be eighty feet in width and paved with standard bitumen paving on concrete base. Twelve purchases of land have been made by the City Attorney's Office from adjacent property owners, and a large tract has ben acquired by donation from the Water Front Land Corporation, conditioned upon the City's performing the street work thereon. Proceedings are now under way in the Board of Public Works for the construction of this avenue, which will open up for residential purposes a highly desirable section of the City.

SLOAT BOULEVARD WIDENING.

The work of acquiring land for the proposed widening of Solat Boulevard to a total width of 135 feet has been practically completed during the past year through the efforts of the City Attorney's Office. An agreement was entered into with the United Railroads and its subsidiary corporation, through which they exchanged 20 feet of their private right of way along the present north line of this boulevard for a 20-foot strip of roadway lying immediately south of their right of way, and have agreed to move their tracks 20 feet south of their present location. The usual proceeding for closing the portion of the roadway to be deeded to the Company, and the exchange of lands under the provisions of the Charter were carried through by this office. The deeds are now ready for delivery. In addition to this, deeds have been acquired for a 30-foot strip lying north of the former street railroad right of way from a large number of owners of property along said line. This office was able, through negotiations, to have

all of said property donated to the City in consideration of the City's agreement to do the street work. A few deeds still remain to be obtained, and as soon as they are secured the new roadway will be formally dedicated. To any one familiar with this section of San Francisco and the crowded condition of motor and vehicular traffic on the 30-foot paved strip lying south of the railroad tracks, the proposed widening and paving of a new strip will appear as a very desirable improvement. Needless to say, it will also greatly enhance the beauty and attractiveness of one of the finest boulevards of the City, which leads directly from the Ocean to the new residential district west of Twin Peaks.

HONORA SHARP BEQUEST, AND SPRECKELS-MURPHEY TRUST.

The above matter has been pending for several years on account of extensive litigation brought by different parties to prevent the final carrying out of this trust for the benefit of the City and County of San Francisco. It is now, however, completely terminated so far as Trustee A. B. Spreckels is concerned; and with reference to Trustee Samuel G. Murphey, he has recently delivered to the City Attorney's Office a conveyance of the 410 acres of land located in San Mateo County, being a portion of the San Pedro Ranch. Mr. Spreckles conveyed, through this office, not only his interest in this land, but also forty thousand dollars in cash, which money obligation is still to be carried out by Mr. Murphey.

Honora Sharp left a bequest of two hundred thousand dollars outright to the late Reuben H. Lloyd and A. B. Spreckels. They in turn declared a trust for the benefit of the City, and particularly for the erection of a Memorial Gate in Golden Gate Park in memory of the late husband of the aforesaid Honora Sharp.

Subsequently, upon the death of Mr. Lloyd, Samuel G. Murphey was substituted by the co-trustee, Mr. Spreckels, for and in place of Mr. Lloyd. Then, these trustees received from the said estate of Honora Sharp the sum of eighty thousand dollars in cash and 410 acres of land in San Mateo County, just below Salada Beach, and did acknowledge said receipt of money and lands as being complete payment by the said estate to them, as trustees, of any moneys due to them from the estate.

Mr. Spreckels has, as above stated, deeded his one-half in this land to the City and delivered the one-half of the eighty thousand dollars which was under his control. Upon the delivery by Mr. Murphey of his one-half of this eighty thousand dollars the matter will be finally closed.

There have been years of litigation, and different authorizations by the Board of Supervisors were necessary before this case could be finally settled along the lines above described. The City takes the land with the obligation to use the same as a public park to be known as the "Sharp Park." Superintendent of Parks John McLaren has already made some improvements along the beach side of this land.

REAL ESTATE ACQUIRED BY CITY AND COUNTY DURING 1916-17.

During the fiscal year 1916-17 the City and County of San Francisco acquired the following property for the purposes specified:

FREMONT SCHOOL.

Margaret J. T. Reid, a femme sole, to the City and County of San Francisco, a municipal corporation, recorded July 8, 1916, at 11:28 o'clock a. m., Liber 922 Deeds, page 334.

Covering the property described as follows: North McAllister Street, 87 feet 6 inches West Broderick Street, West 25 feet x North 112 feet 6 inches. Being portion of Western Addition Block No. 530.

DANIEL WEBSTER SCHOOL.

Julia U. Miser, formerly Julia U. Sutherland, and J. E. Miser, her husband, to City and County of San Francisco, a municipal corporation, recorded July 13, 1916, at 4:21 o'clock p. m., Liber 926 Deeds, page 329.

Covering the property described as follows: West Texas Street, 125 feet North Twentieth Street, North 25 feet x West 100 feet. Being portion of Potrero Nuevo Block No. 267.

Albert Johnson and Genevieve Johnson, his wife, to City and County of San Francisco, a municipal corporation, recorded July 22, 1916, at 11:06 o'clock a. m., Liber 923 Deeds, page 389.

Covering the property described as follows: West Texas Street, 150 feet North Twentieth Street, North 25 feet x West 100 feet. Being portion of Potrero Nuevo Block No. 267.

Charles M. Young, an unmarried man, of Berkeley, Alameda County, California, to City and County of San Francisco, a municipal corporation, recorded July 22, 1916, at 11:07 o'clock a. m., Liber 923 Deeds, page 390.

Covering the property described as follows: West Texas Street, 125 feet South Nineteenth Street, South 25 feet x West 100 feet. Being portion of Potrero Nuevo Block No. 267.

James Stewart and Grace Stewart, his wife, to City and County of San Francisco, a municipal corporation, recorded August 16, 1916, at 3:04 o'clock p. m., Liber 933 Deeds, page 360.

Covering the property described as follows: East Missouri Street, 150 feet North Twentieth Street, North 25 feet x East 100 feet. Being portion of Potrero Nuevo Block No. 267.

Alexander Brander, Nora Brander, his wife, and Mary Brander, a single woman, to City and County of San Francisco, a municipal corporation, recorded October 17, 1916, at 3:03 o'clock p. m., Liber 966 Deeds, page 162.

Covering the property described as follows: West Texas Street, 225 feet North Twentieth Street, North 25 feet x West 100 feet. Being portion of Potrero Nuevo Block No. 267.

SHERMAN SCHOOL.

Edmund C. Burr and Anna B. Burr, his wife, to City and County of San Francisco, a municipal corporation, recorded November 23, 1916, at 4:42 o'clock p. m., Liber 970 Deeds, page 236.

Covering the property described as follows: North Green Street, 190 feet 11⅝ inches West Franklin Street, North 137 feet 6 inches, Southwest 144 feet 8⅛ inches, East 45 feet 0⅛ inches. Being portion of Western Addition Block No. 117.

FAIRMOUNT SCHOOL.

James Kane and Mary Kane to City and County of San Francisco, a municipal corporation, recorded December 1, 1916, at 9:47 o'clock a. m., Liber 977 Deeds, page 207.

Covering the property described as follows: North Randall Street, 177 feet East Chenery Street, East 26 feet x North 133 feet, more or less, etc. Lots 5 and 6, Block 29, Fairmount.

Lois Nessier, also known as Louis Nessier, and Filomena Nessier, his wife, to City and County of San Francisco, a municipal corporation, recorded January 26, 1917, at 12:15 o'clock p. m., Liber 991 Deeds, page 128.

Covering the property described as follows: North Randall Street, 225 feet 9 inches East Chenery Street, East 27 feet x North 133 feet, etc. Part Lots 5 and 6, Block No. 29, Fairmount.

Ella M. Leigh and Margaret E. Lees, to City and County of San Francisco, a municipal corporation, recorded February 1, 1917, at 4:16 o'clock p. m., Liber 986 Deeds, page 192.

Covering the property described as follows: North Randall Street, 125 feet East Chenery Street, East 26 feet, etc. Part Lot 4, Block No. 29, Fairmount.

Josephine M. Olmo and Peter J. Olmo, her husband, to City and County of San Francisco, a municipal corporation, recorded February 10, 1917, at 9:59 o'clock a. m., Liber 967 Deeds, page 382.

Covering the property described as follows: North Randall Street, 203 feet East Chenery Street, East 26 feet, North 133 feet, etc. Portion Lots Nos. 5 and 6, Block No. 29, Fairmount.

John Brennan and Bridget Brennan, his wife, to City and County of San Francisco, a municipal corporation, recorded March 22, 1917, at 10:05 o'clock a. m., Liber 1015 Deeds, page 21.

Covering the property described as follows: North Randall Street, 229 feet East Chenery Street, East 26 feet 9 inches x North 133 feet, etc. Lots 5 and 6, Block 29, Fairmount.

Michael Gilbride and Bridget Gilbride, his wife, to City and County of San Francisco, a municipal corporation, recorded July 24, 1917, in Liber 1015 of Deeds, page 330.

Covering the property described as follows: North Randall Street, 151 feet East Chenery Street, East 26 feet by North 133 feet, more or less.

Ella M. Leigh and Margaret E. Lees, to City and County of San Francisco, a municipal corporation, recorded February 1, 1917.

Covering the property described as follows: Northeast corner Randall and Chenery Streets, North 50 feet by 125 feet.

Michael Tomosich, to City and County of San Francisco, a municipal corporation, recorded February 1, 1917.

Covering the property described as follows: East Chenery Street, 100 feet North of Randall Street, North 25 feet by 125 feet.

Joseph P. Feerick and Katherine M. Feerick, to City and County of San Francisco, a municipal corporation, recorded February 1, 1917.

Covering the property described as follows: East Chenery Street, 125 feet North of Randall Street, North 25 feet by 125 feet.

Denis B. Foley and Pauline M. Foley, to City and County of San Francisco, a municipal corporation, recorded January 29, 1917.

Covering the property described as follows: East Chenery Street, 75 feet North of Randall Street, North 25 feet by 125 feet.

Daniel Angus McDonald and Julia McDonald, to City and County of San Francisco, a municipal corporation, recorded March 1, 1917.

Covering the property described as follows: East Chenery Street, 50 feet North of Randall Street, North 25 feet by 125 feet.

ISLAIS STREET, WIDENING OF.

Joseph B. Coryell, to City and County of San Francisco, a municipal corporation, recorded April 17, 1917.

Covering the property described as follows: East corner Selby Street and Davidson Avenue, Southeast on Northeast line of Davidson Avenue 20.76 feet, North 42.47 feet, Southwest 37.05 feet to beginning.

Joseph B. Coryell, to City and County of San Francisco, a municipal corporation, recorded April 17. 1917.

Covering the property described as follows: Northeast Burke Avenue and

South Islais Street, East 312.154 feet; Southeast along Arthur Avenue 21.851 feet, West parallel with Islais Street 312.154 feet, Northwest 21.851 feet.

Joseph B. Coryell, to City and County of San Francisco, a municipal corporation, recorded April 17, 1917.

Covering the property described as follows: South Islais Street and Northwest Rankin Street, West 500.696 feet, Southeast 50.52 feet, East 448.108 feet, Northeast 14.572 feet.

Paul F. Kingston and John Kingston, to City and County of San Francisco, a municipal corporation, recorded April 17, 1917. (Part of J. B. Coryell arrangement for widening of Islais Street.)

Covering the property described as follows: Southeast Rankin Street and Southwest Islais Street, Southeast 25 feet 6½ inches, thence 23 degrees 51 minutes 43 seconds to left 55 feet 9 inches, Southeast 21.859 feet, etc.

CIVIC CENTER.

Almira T. D. Sherwood, to City and County of San Francisco, a municipal corporation, recorded August 8, 1916.

Covering the property described as follows: Point 350 feet Northeast of Marshall Square and 100 feet Northwest of Market Street, Northwest 100 feet by Northeast 50 feet.

California Pacific Title Insurance Company, to City and County of San Francisco, a municipal corporation, recorded August 8, 1916.

Covering the property described as follows: Point 275 feet Northeast of Marshall Square and 100 feet Northwest of Market Street, Northwest 100 feet by Northeast 25 feet.

FIRE DEPARTMENT.

E. W. Newell, to City and County of San Francisco, a municipal corporation, recorded October 10, 1916.

Covering the property described as follows: Southwest Vermont and Twenty-fifth Streets, South 75 feet by 100 feet.

HUNTERS POINT BOULEVARD.

Martha Bjorkman Kitterman, to City and County of San Francisco, a municipal corporation, recorded December 26, 1916.

Covering the property described as follows: Southwest Hudson Avenue and Northwest Hawes Street, Southwest 100 feet by 16 feet.

Herman F. Gillberg, to City and County of San Francisco, a municipal corporation, recorded February 20, 1917.

Covering the property described as follows: Northeast Innes Avenue and Northwest Hawes Street, Northeast 100 by Northwest 16 feet.

John A. McGregor to City and County of San Francisco, a municipal corporation, recorded December 26, 1916.

Covering the property described as follows: Northeast Innes Avenue and Southeast Donahue Street, Northeast 200 feet by Southeast 16 feet.

Bernhard Kennedy (also called Bernard Kennedy) to City and County of San Francisco, a municipal corporation, recorded December 26, 1916.

Covering the property described as follows: Southwest Galvez Avenue and Southeast Donahue Street, Southwest 100 feet by Southeast 16 feet.

Northeast Hudson Avenue and Southeast Donahue Street, Northeast 100 feet by Southeast 16 feet.

The City obtained title to an undivided 5/6 of this property by deed from Katherine Hofstetter, recorded December 26, 1916; the other 1/6 is out-

standing in Ruth Hofstetter (a minor). Condemnation suit of City and County of San Francisco vs. Bjorkman et al., Superior Court No. 78005, covering this and other property for Hunters Point Boulevard, is still pending.

Estate of John W. Shirley et al., who deeded to California Pacific Title Insurance Company. Deed from California Pacific Title Insurance Company to City and County of San Francisco recorded May 4, 1917.

Covering the property described as follows: Point 27.566 feet Southwest of Fairfax Avenue and 225 feet Northwest of Boalt Street, Southwest 72.434 feet, Northwest 75 feet, Northeast 42.974 feet, thence 80.577 feet to beginning.

J. G. Walker Company, who deeded to California Pacific Title Insurance Company. Deed from California Pacific Title Insurance Company to City and County of San Francisco recorded May 4, 1917.

Covering the property described as follows: Southwest Fairfax Avenue, 150 feet Northwest of Boalt Street, Southwest 84.055 feet deflecting to the right and running 43.613 feet, Northwest 34.407 feet; Northeast 72.434 feet, East 75.402 feet, Southwest 4.819 feet.

Carl G. A. Nass to City and County of San Francisco, a municipal corporation, recorded January 10, 1917.

Covering the property described as follows: Southwest Fairfax Avenue, 75 feet Northwest of Boalt Street, Northwest 25 feet, Southwest 74.235 feet, East 25 feet, more or less, Northeast 54.596 feet.

Mary Ward and Rose Ryan, who deeded to California Pacific Title Insurance Company. Deed from California Pacific Title Insurance Company to City and County of San Francisco recorded May 4, 1917.

Covering the property described as follows: Southwest Fairfax Avenue, 100 feet Northwest of Boalt Street, Northwest 50 feet, Southwest 84.055 feet, East 53.718 feet. Northeast 64.415 feet.

LIPPARD STREET, EXTENSION OF.

Helena Schnee to City and County of San Francisco, a municipal corporation, recorded March 7, 1917.

Covering the property described as follows: North Joost Avenue, 300 feet East of Acadia Street, East 25 feet, North 81.139 feet, West 16.435 feet, South 36.72 feet, South 49.59 feet.

Samuel Snow to City and County of San Francisco, a municipal corporation, recorded March 7, 1917.

Covering the property described as follows: North Joost Avenue, 325 feet East of Acadia Street, East 25 feet, North 74.758 feet. West 25.797 feet, South 81.139 feet.

DIVISION STREET, WIDENING OF.

Southern Pacific Railroad Company to City and County of San Francisco, a municipal corporation, recorded December 14, 1916.

Covering the property described as follows: Commencing at the point of intersection of the Northerly line of Division Street and the Easterly line of York Street, running thence Northerly along said line of York Street 34 feet; thence Southeasterly 133.125 feet, more or less, to the Northerly line of Division Street at a point distant thereon 128.917 feet Easterly from the Easterly line of York Street; thence Westerly along said Northerly line of Division Street 128.917 feet to the point of commencement.

ARMY STREET, STRAIGHTENING OF.

Deed from Sarah Lambert to City and County of San Francisco, a municipal corporation, recorded June 27, 1916.

Covering the property described as follows: Commencing at a point on the Easterly line of Twin Peaks Avenue, distant thereon 36 feet Northerly from the Northerly line of Army Street, as established by Resolution No. 12452 (New Series) of the Board of Supervisors, January 28, 1916, and running thence Easterly and parallel with the said Northerly line of Army Street 143.82 feet; thence North 66 degrees 30 minutes East 39.45 feet, the bearing of Army Street being assumed to be East and West; thence North and parallel with Twin Peaks Avenue 76.34 feet; thence South 66 degrees 30 minutes West 81.78 feet; thence South and parallel with Twin Peaks Avenue 29.46 feet; thence West and parallel with Army Street 105 feet to a point on the Easterly line of Twin Peaks Avenue, distant thereon 66 feet Northerly from the said Northerly line of Army Street; thence South along the said Easterly line of Twin Peaks Avenue 30 feet to the point of commencement. Being a portion of Lots 20, 21, 22 and 23, in Block No. 23, Stanford Heights Addition.

The foregoing purchases, including the legal details of the transfers, were conducted through this office.

OPINIONS RENDERED TO VARIOUS DEPARTMENTS.
July 1, 1916—June 30, 1917.

ASSESSOR.

February 28, 1917.—Advising that personal property of a deceased resident of a foreign country in the hands of a local or ansillary administrator is assessable.

May 25, 1917—Defining savings banks for purposes of assessment.

AUDITOR.

August 31, 1916—Advising that demands for purchase of uniforms for elevator operators are not valid.

September 25, 1916—Validity of demands for stationery furnished in cases of great necessity on non-contract orders.

October 18, 1916—Advising that demands on school funds must be approved by the Board of Education.

October 24, 1916—Legality of position of confidential secretary to Chief of Police.

December 2, 1916—Validity of employment of Klink, Bean & Co., expert accountants.

December 15, 1916—Advising that item in budget for Superintendent of Schools' traveling expenses and incidentals is part of the Common School Fund and cannot be drawn upon except by approval of the Board of Education.

January 17, 1917—Advising that it is not necessary to call for bids in the purchase of patented articles.

January 29, 1917, and February 1, 1917—Notices to withhold payments to contractor for Hetch Hetchy Railway on account of supplies furnished and work done for sub-contractors.

February 10, 1917—Payment to Beatrice Heaney of two salaries, one as day school teacher and the other as night school teacher.

February 19, 1917—Validity of contract with Robert M. Searls as special counsel on the Hetch Hetchy project.

March 3, 1917—Validity of demand of Kate L. Grace for services rendered as teacher during the years 1909 and 1910.

March 22, 1917—Control of Playground Commission over playground funds.

April 11, 1917—Power of Board of Public Works to increase the salaries of its employees.

CIVIL SERVICE COMMISSION.

September 27, 1916—Reinstatement of conductor on Municipal Railway.

May 8, 1917—Change in compensation of watchman employed by Board of Public Works.

EDUCATION, BOARD OF.

December 15, 1916—Advising that item in budget for Superintendent of Schools' traveling expenses and incidentals is a part of the Common School Fund and cannot be drawn upon except by approval of the Board of Education.

March 15, 1917—Control by Board of Education of appropriations for school purposes.

April 20, 1917—Advising that Board of Education cannot accept bid not accompanied by certified check.

June 8, 1917—Limitation on expenditures of Board of Education.

ELECTRICITY, DEPARTMENT OF.

August 5, 1916—Requiring public service corporations to report electrical installations and pay inspection fees.

June 13, 1917—Compelling payment of inspection fees.

FIRE COMMISSIONERS.

March 9, 1917—Liability of contractor for defects in fire apparatus.

FIRE PENSION FUND COMMISSIONERS, BOARD OF.

February 1, 1917—Advising that marine firemen employed on the fire boats are entitled to pension relief.

HEALTH, BOARD OF.

June 30, 1917—Changing plumbers and plumbing inspectors to a per diem basis of employment, and paying them full salaries for Saturday afternoons and holidays.

MAYOR.

October 13, 1916—Uniform Accounting System for Municipal Departments.

PARK COMMISSIONERS, BOARD OF.

August 2, 1916—Advising that park employees are entitled to an annual vacation.

PLAYGROUND COMMISSIONERS, BOARD OF.

January 11, 1917—Advising that charter prohibits transfer of any portion of Mission Park to jurisdiction of the Playground Commissioners for playground purposes, and that budget appropriation out of the General Fund to Playground Commission for improvement of Mission Park cannot be transferred to the Park Fund.

POLICE COMMISSION, BOARD OF.

January 2, 1917—Granting of permits for jitney busses.

June 11, 1917—Lithographed signatures to jitney bonds.

PUBLIC WORKS, BOARD OF.

September 27, 1916—Leasing for hospital purposes building erected before adoption of the Building Law.

September 30, 1916—Advising that the Supervisors cannot force the Board of Public Works to do public work by contract.

December 12, 1916—Claim for compensation of Burritt N. Dow, occulist, for treatment of J. W. O'Donnell, a street sweeper.

December 28, 1916—Allowance to James B. McSheehy on contract for work at the San Francisco Hospital.

January 24, 1917—Advising that city has no title to alleyway running northerly from Commercial street, westerly from Montgomery street.

January 31, 1917—Assessment of city property for improvement of crossing of Excelsior avenue and London street.

February 2, 1917—Advising that Chatham place is in private ownership.

February 10 1917—Ownership of property at westerly end of Lily street.

February 14, 1917—Extra work on Twin Peaks Tunnel contract.

April 3, 1917—Advising that neither the approval of the Finance Committee nor the Board of Supervisors is a prerequisite to the audit by the Auditor of salary demands arising in the Board of Public Works.

RECORDER.

January 2, 1917—Adoption of general indexes.

May 15, 1917—Acceptance for recordation of instruments written in a foreign language.

SUPERVISORS, BOARD OF.

August 22, 1916—Granting municipal department permission to maintain office in Auditorium.

August 31, 1916—Advising that proposed ordinance regulating the labor of minors is not in conflict with the State law.

September 15, 1916—Authority to contract for acquisition of the Harris Automatic Stop Signal for traffic regulation.

September 18, 1916—Transfer of money from Reserve Fund of the Municipal Railways to Stockton Street Tunnel Account.

September 27, 1916—Offer of Fred P. Smith to operate the Sanitary Reduction Works.

September 27, 1916—Advising as to Board of Public Works making alterations at the County Jail without letting contracts.

October 6, 1916—Appeal from assessment for improvement of Moraga street.

November 13, 1916—Legality of proposed ordinance forbidding hauling of coal, lime, cement, etc., in a certain district.

December 11, 1916—Legality of proposed garbage contract.

December 13, 1916—Liability of contractor to furnish barley for use at Hetch Hetchy.

December 27, 1916—Validity of franchise of Ocean Shore Railroad Company on Twelfth street.

January 26, 1917—Cancellation of contracts for public work.

March 15, 1917—Advising that city is not liable under the Workmen's Compensation Act for injuries to men working in the Auditorium other than city employees.

April 2, 1917—Advising that passage to print of bill is not stayed by notice of reconsideration.

April 3, 1917—Jurisdiction of Railroad Commission to require from public warehouse and wharf owners statement of food in storage.

April 10, 1917—Exchange of portion of Marshall Square for privately owned lands.

April 11, 1917—Advising that city is not liable for expense of extraditing Rafaelo Mara.

April 16, 1917—Legality of appropriations for Tourists Association.

April 23, 1917—Advising that sidewalks on north side of Lincoln Way are not under jurisdiction of Park Commissioners.

April 27, 1917—Interpreting Section 2 and 3, Chapter IV, Article XI of the Charter, regarding submission of an ordinance to the vote of the people and the sixty-day limitation on certain ordinances going into effect.

May 18, 1917—Permit for erection of a hospital opposite a garage.

May 24, 1917—Legality of erecting and maintaining tuberculosis sanitorium outside boundaries of City and County.

May 24, 1917—Advising that city is not liable for damage to property at Prospect avenue and Esmeralda street.

June 4, 1917—Advising that Supervisors cannot legally refund license taxes.

June 21, 1917—Appeals from assessment for street work on Railroad avenue.

June 21, 1917—Power of Mayor to veto items of a budget, and time within which veto may be considered.

June 22, 1917—Extent of Mayor's veto of budget items, and power of State Board of Control to establish accounting system.

TAX COLLECTOR.

November 4, 1916—Advising that moving picture houses are not required to get permits from Police Commissioners.

November 23, 1916—Defining an itinerant vendor.

May 4, 1917—Collection of license tax on restaurant from the Key System Service Company.

TREASURER.

February 13, 1917—Issuance of new bond to replace one charred by fire.

May 11, 1917—Availability of United States Treasury certificates and interim certificates as security for deposit of City and County funds.

RECAPITULATION OF ACTIONS PENDING AND DETERMINED.

From July 1, 1916, to June 30, 1917.

ACTIONS DETERMINED.

		Favor of City	Against City
Injunctions:			
Board of Health	2	1	1
Board of Public Works	2	1	1
City and County of San Francisco	9	9	0
Mayor	2	2	0
Playground Commission	1	1	0
Mandamus:			
Auditor	1	1	0
Election Commission	2	2	0
Police Commission	6	5	1
Supervisors	4	1	3
Tax Collector	3	3	0
Accidents, Municipal Railway	11	9	2
Actions to quiet title	3	0	3
Actions to declare Stockton Street Tunnel Assessment void	8	8	0
Actions before Industrial Accident Commission	9	5	4
Actions in the Superior Court of Tuolumne County	2	2	0
Applications before Department of the Interior	2	2	0
Applications before Department of Agriculture	1	1	0
Condemnation suits	7	7	0
Miscellaneous	21	18	3
Total actions determined	96	78	18

ACTIONS PENDING.

Injunctions	
Assesor	1
Auditor	1
Board of Education	1
Board of Health	17
Board of Public Works	7
City and County of San Francisco	25
Civil Service Commission	5
Fire Commission	1
Police Commission	1
Tax Collector	1
Mandamus:	
Auditor	9
Board of Education	3
Board of Supervisors	1
Civil Service Commission	3
Election Commission	1
Fire Commission	1
Mayor	2
Police Commission	6
Tax Collector	2
Treasurer	1
Accidents, Municipal Railways	20
Actions to quiet title	8
Actions to declare Tunnel Assessment void	15
Actions for damages through tunnel construction	6
Actions before Railroad Commission	4
Actions to recover taxes paid under protest	1304
Actions in the Superior Court of Tuolumne County	8
Applications before Department of Interior	14
Applications before Department of Agriculture	4
Condemnation suits	15
Miscellaneous	41
Total actions pending	1528

Public Administrator's Report

To the Honorable, the Presiding Judge of the Superior Court of the State of California, in and for the City and County of San Francisco, and to Honorable James Rolph, Jr., Mayor of the City and County of San Francisco.

W. J. Hynes, Public administrator of the City and County of San Francisco, State of California, respectfully makes to the said Superior Court of the State of California, in and for the City and County of San Francisco and to the Mayor of said City and County of San Francisco, under oath, this return of all estates of decedents which have come into his hands during the six months ending twelve o'clock noon on the 8th days of July, A. D. 1917, pursuant to the provisions of Section 1736 of the Code of Civil Procedure of California, and of Section 9 of Article XVI of the Charter of the City and County of San Francisco, said report being as follows, to-wit:

1917			Approximate Value as Far as Ascertained	Money Which Has Come Into the Hands of the Administrator	Funeral Expenses, Debts, etc.	Fees and Expenses Paid by the Administrator	Money in Bank and Not Withdrawn by Administrator	Moneys on deposit with Fst. Federal, Union Trust, Anglo Calif. Trust Co. and S.F. Sav. Union, Hibernia, German, French, Ital. Amer., Fugazi Banca & Bk. of Italy.	Property Exclusive of Money in Hands of Administrator
Jan.	9	Antonio Paccioretti	$1,204.57	$1,204.57	$ 157.00	$ 86.66	$	$ 960.91	$
Jan.	9	Peter Petterson				2.50			
Jan.	9	Martina Bjork	226.50	226.50	166.49	60.01			
Jan.	9	Joseph P. Shannon	11,856.91	11,856.91	518.50	14.50		11,323.91	
Jan.	16	Charles Brohm	201.96	201.96	159.95	42.01			
Jan.	16	August Pfeffer	548.50	548.50	180.00	95.14		273.36	
Jan.	16	Philip H. Kearn	4,780.21	4,780.21	428.45	449.20		3,902.56	
Jan.	18	Kichiji Kato	1,010.96	1,010.96		122.70		888.26	
Jan.	23	Rudolph R. A. Chizeck	126.43	116.43		37.42		79.01	10.00
Jan.	25	Paul Guiro	460.25	460.25	383.73	76.52			
Jan.	25	Charles Evans	1,433.48	1,233.48	226.95	1.00		1,005.53	200.00
Jan.	30	Henry Pfeiffer	1,731.77	431.77	46.80	21.60		363.37	1,300.00
Jan.	30	S. Dritschler	170.84	170.84	81.25	36.91		52.68	
Jan.	30	Alfred Swanson	103.35	103.35	75.00	28.35			
Jan.	30	Charles Thorwald Johnson	1,916.49	1,911.49	85.00	13.00		1,813.49	5.00
Feb.	1	John Eitel†	50.00	50.00	50.00				
Feb.	7	Lena Lonergan	779.79	679.79	300.00	9.50		370.29	100.00
Feb.	8	George McWillie	475.30	470.30	165.00	102.84		202.46	5.00
Feb.	8	Anne Boyle	2,879.63	2,879.63	183.00	8.35		1,708.28	1,000.00
Feb.	8	Alfred F. Funk	553.75	553.75	105.00	92.14		356.61	
Feb.	8	Leon Levy	12,400.00			.50			12,400.00
Feb.	13	Joseph Moser	425.00			1.00	425.00		
Feb.	13	Nicholas Weissenbach	239.42	239.42	115.80	5.50		119.12	

Feb.	15	Julius Fast	437.81	437.81	115.00	5.50		317.31	
Feb.	15	Karl P. Larsen	241.54	241.54	115.00	5.50		121.04	
Feb.	20	Betty de Jong	2,651.28	1,151.28	236.00	61.67		853.61	1,500.00
Feb.	20	Charles Boone	233.72	233.72		5.50		228.22	
Feb.	21	George F. Takahashi†	60.00	60.00	60.00				
Feb.	26	Albert F. De Seagher	282.21	282.21		1.75		280.46	
Feb.	26	Conrad F. Glanville	900.00			10.00			
Feb.	26	Emilio Piatti	569.98	569.98	198.00	6.20		365.78	
Feb.	26	Costanzo Obello	204.00	204.00	140.00	5.50		58.50	
Feb.	27	Suzanne Aufret	2,519.94	479.94		45.50		434.44	2,040.00
Feb.	27	Dennis Driscoll	4,463.04	4,463.04	312.00	8.02		4,143.02	
Feb.	27	John Modic	1,425.73	1,425.73	63.50	21.50		1,340.73	
Feb.	27	Ed Bly	1,914.38	1,914.38		9.25		1,905.13	
Feb.	27	Michael F. Curran	513.58	513.58		1.00		512.58	
Feb.	27	Mark Penih	329.43	329.43		5.50		323.93	
Feb.	28	Cornelius J. Quinn	787.45	787.45		51.00			
Feb.	28	Matija Skala	2,641.10	2,641.10		6.80		1,134.30	1,500.00
Feb.	28	Susie Zelenka	874.13	874.13		5.50		868.63	
Feb.	28	Barry O'Leary	1,193.15	1,193.15	10.00	5.50		1,177.65	
Feb.	28	James McLaughlin	477.30	477.30	190.00	5.50		281.80	
Feb.	28	Ellen Solen	219.85	219.85	175.00	5.50		39.35	
Mar.	8	Julius Blom Lange	145.48	145.48	40.00	7.00		98.48	
Mar.	8	Antonio Pereiras	317.90	317.90	203.00	6.50		108.40	
Mar.	13	Harvey E. Sage	2,315.44	1,361.44	181.00	1.00		1,179.44	954.00
Mar.	13	Evan J. Price	2,234.18	2,234.18	209.50	5.50		2,019.18	
Mar.	20	Max Knorr†	50.00	50.00	50.00				
April	3	Rose Ornstein, alias Sadie Gross	6,537.00			19.10	6,537.00		
April	3	Antonio Mulgaria	187.40	187.40	115.00			72.40	
April	3	John O. Tweed	406.94	406.94	25.25	10.00		351.69	
April	3	Robert Scholp	1,838.80	1,838.80	343.50	1.00		1,495.30	
April	5	F. W. Klett	130.19	130.19	98.48	1.00		31.71	
April	5	Michael Dooley	1,500.00	100.00		1.75		98.25	1,400.00
April	5	Gustavo Fedi	386.55	386.55	92.50	26.38		251.17	

1917		Approximate Value as Far as Ascertained	Money Which Has Come Into the Hands of the Administrator	Funeral Expenses, Debts, etc.	Fees and Expenses Paid by the Administrator	Money in Bank and Not Withdrawn by Administrator	Moneys on deposit with Fst. Federal, Union Trust, Anglo Calif. Trust Co. and S.F. Sav. Union, Hibernia, German, French, Ital. Amer., Fugazi Banca & Bk. of Italy.	Property Exclusive of Money in Hands of Administrator
April 11	Michael Carroll	466.08	466.08	258.15	1.00	.....	205.93	.....
April 11	Bartholomew Mitchell	2,434.50	2,434.50	330.45	7.25	.....	2,096.80	.....
April 11	Bernard Lacomme	754.10	754.10	234.20	5.50	.....	514.40	.....
April 12	Patrick Sullivan	1,960.38	1,960.38	160.00	5.50	.....	1,795.88	.....
April 12	G. E. Anderson	300.00	.....	.....	5.00	.....	.....	300.00
April 17	Cornelius Sullivan	2,384.46	2,384.46	.....	1.00	.....	2,384.46	.....
April 17	Elmer L. Epperson	119.12	119.12	80.00	5.00	.....	34.12	.....
April 17	Maria O'Driscoll	544.79	544.79	176.50	6.00	.....	362.29	.....
April 19	John P. Smerdel	960.44	960.44	184.50	50.53	.....	725.41	.....
April 19	Henry H. Hantho	289.76	289.76	150.00	42.38	.....	97.38	.....
April 24	Jerome Barneoud	4,111.50	111.50	.....	25.50	.....	106.50	4,000.00
April 24	John Griffin	166.14	166.14	.....	1.00	.....	166.14	.....
April 24	John Olssen*	5,178.05	1,478.05	275.50	111.35	3,600.00	1,091.20	100.00
April 24	Emma Rouff	250.00	.....	.....	1.00	.....	.....	250.00
April 26	Agnes Fleming	750.00	57.15	.....	43.60	.....	18.05	692.85
May 1	Rachael Kazinsky†	29.03	29.03	29.03	.....	.....	.....	.....
May 1	Vlaho Serlija†	72.98	72.98	72.98	.....	.....	.....	.....
May 1	Alice Lavoie†	40.00	20.00	.....	.....	20.00	20.00	.....
May 8	Nels Christiansen	206.88	206.88	115.00	1.00	.....	91.88	.....
May 8	Mary Ann Barrett	103.69	103.69	.....	1.00	.....	103.69	.....
May 8	Jessie Mcheur	410.84	410.84	.....	1.50	.....	409.34	.....
May 10	Remhold Sipary	1,000.00	.....	.....	.....	.....	.....	1,000.00
May 11	Samuel Norton	2,066.20	66.20	.....	10.00	.....	56.20	2,000.00

May	15	Katie D. Frye	5,000.00			1.00			5,000.00
May	16	Fannie M. Rider	774.48	774.48	278.89	1.00		495.59	
May	16	J. S. Oliveira	14,387.39	37.55		1.00		37.55	14,349.84
May	16	Andrew Gaich	418.64	418.64	177.95	1.00		240.69	
May	16	William Farrell	150.00			1.00	45.00		105.00
May	16	Ernest Larsson	69.08	14.08			30.00		30.00
May	22	John Monahan	246.35	246.35	205.00	1.00		41.35	
May	24	Hugo Steuck	2,114.68	114.68		1.00		114.68	2,000.00
May	24	Ida J. Wilson	1,455.06	705.06	176.98	8.25		519.83	750.00
May	25	Violet Olsen	400.00			14.00			
May	28	Joe Johnson	1,919.11	.90		4.05	1,918.21	.90	
May	28	Thomas Crinion	1,250.80			.80	1,250.00	.80	
May	29	J. M. Struasses	97.50	47.50		1.00	50.00	47.50	
June	6	John Olsen	641.97	641.97		1.00		641.97	
June	6	Patrick Dunn	14,166.00			3.00	14,166.00		
June	7	Elsie Creedon	3,800.00			1.00	3,760.00		40.00
June	7	Patrick Daly	500.00			1.00			500.00
June	7	Hannah Gill	161.50			1.00	161.50		
June	7	Adolph Awot	514.97	96.70		1.50	398.27	96.70	20.00
June	12	Henry Clay Sibley	1,259.10			1.00	1,259.10		
June	20	Jose Maio	684.12	17.59		1.00	666.53	17.59	
June	20	Walter H. Woods	470.00			1.00	470.00		
June	20	Mary McKibbin	1,501.12	1.12		7.50		1.12	1.500.00
June	20	Hermann Schmedes*	5,230.00			21.00	51.30		100.00
June	27	Alfred Amberg	255.89	54.89		15.97	201.00	38.92	
June	28	James Carroll	212.00			1.00	212.00		
June	28	Louis Vucasovich	1,300.40			1.00	1,300.40		
June	28	Dominique Ibar	350.00			1.00	350.00		
June	29	Nancy Caroline Lehman	7,072.11	72.11	39.50	13.00	2,000.00	21.61	5,000.00
July	5	William White	2,300.00			1.00	2,300.00		
July	5	Henry J. Boradt	1,931.00			1.00	1,731.00		200.00
July	5	Rosie Kohn	90.00			1.00			90.00
July	5	Andrew Larson	340.00			1.00		340.00	
July	5	Timothy M. Lacy	272.07	72.07		1.00		72.07	200.00
July	5	Charles Nelson*	200.00			1.00			200.00

* Special Letters. † Proceedings under 1726A, Code of Civil Procedure.

State of California,
City and County of San Francisco. } ss.

W. J. Hynes, being first duly sworn, says: that he now is, and ever since the 8th day of February, 1915, has been the duly appointed, commissioned, qualified and acting Public Administrator of the City and County of San Francisco, State of California; and that the foregoing report and return contains and is a full, true and correct report, return and account of all estates of decedents, which have come into his hands for the six months ending at twelve o'clock noon, on the 8th day of July, 1917, and that the value of each estate, the money which has come into his hands from each of said estates and what he has done with the same, and the expenses incurred in each of said estates and the balance of money remaining in his hands, if any, in each of said estates, is correctly set forth in said foregoing return and report; that affiant is not and was not during any of the times mentioned in said return and report, or at any other time, interested in the expenditures of any kind made on account of any estate which he administered, or of which he is the administrator, or which has come into his possession or under his charge, nor is he associated in business or otherwise with any one who is so interested.

W. J. HYNES,

Subscribed and sworn to before me this 31st day of July, 1917.

(Seal.)

GEORGE J. FAULKNER,
Notary Public in and for the City and County of San Francisco, State of California.

Treasurer's Report

San Francisco, June 30, 1917.

Hon James Rolph, Jr.,

Mayor of the City and County of San Francisco.

Dear Sir:—I herewith submit the Treasurer's Annual Report for the fiscal year 1916-1917.

Respectfully yours,

JOHN A. McDOUGALD,
City and County Treasurer.

TREASURER'S RECEIPTS AND EXPENDITURES.

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Cash Balance as per Last Annual Report year ended June 30, 1916				10,525,701.09			
GENERAL FUND, 1915-16							
Treasurer: Bank Interest		16,474.42					
Recorder: Refund on Machines		45.00					
Widows' Pension from State of California, Jan. 1 to June 30, 1916		34,088.39					
California St. Cable R. R. Co. 2% Gross Receipts year ended Dec. 31, 1915		4,807.12					
Taxes: June Taxes Apportioned in July, 1916		46,821.10					
Franchise Percentage, U. R. R. of S. F. General Lines, year ended Dec. 31, 1915, per Res. No. 13330		46,182.00					
Refund from State of California maintenance of Minors: period ended June 30, 1916		15,707.85					
Transferred from Unapportioned Fee Fund			20,025.05				
				184,150.93			
Debits:							
Demands					1,221,711.69		
Superior Court Orders					429.20		
Transferred to General Fund 1916-17, Bank Interest received in July						16,474.42	

Transferred to Police Relief and pension Fund to cover deficit						9,675.99	
Transferred to Firemen's Relief and Pension Fund to cover deficit						9,579.96	
							1,257,871.26
GENERAL FUND, 1916-17							
Taxes		7,628,948.59					
City and County Licenses		1,163,558.50					
Police Court Fines, Dept. No. 1	3,917.00						
Police Court Fines, Dept. No. 2	6,156.00						
Police Court Fines, Dept. No. 3	4,887.00						
Police Court Fines, Dept. No. 4	3,411.00						
		18,371.00					
Superior Court Fines		265.00					
House Building Permits	25,457.00						
Bill Posting Permits	287.00						
		25,744.00					
Mayor: Rental City Property		22,046.85					
Recorder: Desk Rental		570.00					
Treasurer: Int. on Bank Loans		83,889.90					
Treasurer: Inheritance Tax Fees		3,000.00					
Auditor: State Lunacy Com.		360.00					
Sheriff:							
Subsistance U. S. Prisoners		3,540.80					
Coroner: Unclaimed Money		640.84					
San Francisco Hospital:							
State of California—Tuberculosis Patients	5,661.54						
Unclaimed Wages	432.78						
Maintenance	434.00						
Sale of Material, etc.	31.21						
Sale of Swill	300.00						
Commission on phones	12.94						
		6,872.47					

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Relief Home, Maintenance	1,206.93						
Sale of Bones, Hides, etc.	124.37						
		1,331.30					
Board of Health:							
Refund	.45						
Isolation Hospital, care of Patients	318.50						
Unclaimed Wages	7.90						
		326.85					
Juveline Court:							
Collection from Parents, etc.	5,940.47						
Refund, Probation Officer, Res. 13771	13.00						
		5,953.47					
Board of Fire Commissioners:							
Damage to Hydrants and Apparatus	145.07						
Removal of Hydrant	120.90						
Electric Current, U. S. Govt., Fort Mason	353.80						
		619.77					
Mayor: proceeds of sales as below from Sundry Departments authorized by Resolution of Board of Supervisors—							
Old Buildings, Res. No. 13106	3,028.13						
Old City Hall Ruins, Res. No. 13077	2,185.00						

Sale of City Property at Corporation Yard, Board of Works Res. No. 13019 and 13191—3 Sprinkler Wagons, 10 old wheels, 500 lb. Scrap Iron, 44,895 tons Scrap Cast Iron ..... $ 852.08							
Sale Former Fire Houses, Rec. No. 12881 ..... 230.00							
Sale of scrap brass and iron and sundry junk at Fire Dept. Paint Shop & Corporation Yd., Res. No. 13272..... 1,063.32							
$2,145.40							
Less 5% Commision 107.27							
	2,038.13						
Old Tires and Tubes, Fire Dept. Res. No. 13347.....	281.68						
Old Horses, Fire Dept., Res. No. 13760	175.00						
Sale School Building, Res. No. 13844	3,053.00						
Junk, Dept. of Electricity, Res. 13839	1,687.75						
Horses, Junk Fire Engines at Fire Dept. Premises, Res. 14031, 13840	1,075.50						
Various Item, Board of Health, Res. 13843	291.00						

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Frame Building old Parkside School, Res. 13792	15.00						
School Buildings, Filbert near Taylor, Res. 14073	175.00						
		14,005.19					
Board of Supervisors, Clerk's Office:							
Sales Copies B. J. Arnold's Report	5.10						
Sales Copies Engineer's Underground Water Supply Report	5.50						
Sales Copies Book of Ordinances	73.00						
Electric Current U. S. Govt., Fort Mason	1,389.84						
Electricity, Mov. Pictures, etc.	24.10						
From Fidelity & Deposit Co., Maryland Accident Insurance, case Thomas Lillis	1,000.00						
Refunds:							
Official Bond School Directors	5.54						
Official Bond Pol. Com. Woods	9.00						
Fidelity & Casualty Co.	3.50						
From Auto Licenses	19.90						
Fourth July Committee, Res. No. 14230	96.07						
Damage to Auto Patrol Wagon	200.00						
Pan. Pac. Intl. Expn. Co. construction work Lincoln Park	443.47						
		4,178.52					

Board of Public Works:							
Work in front of City Property Item No. 60, 1916-17 Budget Res. No. 13181	454.40						
Work on Hyde St	25.50						
Sale of old Cobbles	46.43						
Damage to Third St. Bridge	8.50						
Electricity to Ross Photo Co.	.60						
Refund Otis Elevator Co.	7.30						
Deposit to credit of Budget Item No. 66	98.40						
Refund Great Western Power Co., Budget Item No. 429	32.65						
		673.78					
Franchise Percentages:							
United Railroads of S. F. Lessees Gough St. Line	392.58						
Parnassus Ave Line	1,856.94						
Parkside Transit Co.	3,125.51						
Receipts for fiscal year 1916-17 Calif. St. C. Ry. year ended Dec. 31, 1916, Res. 14069	4,173.03						
Sanitary Reduction Works, one year's interest, Ord. 3330	17,500.00						
S. F. Electric Protective Co. to Dec. 31, 1916	8.55						
Pacific Telephone & Tel. Co., 2% gross receipts, Oct. 1, 1915, to Sept. 30, 1916, Res. No. 13482	88,013.12						
		115,069.73					
State of California:							
Widows' Pension Claims, July 1, 1916, to Dec. 31, 1916	33,690.58						

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
State Refund of Taxes, Sec. No. 3804	205.62						
		33,896.20					
Transferred from:							
Unapportioned Fee Fund			237,057.41				
Loan Transfer Account—Temporary Loans			3,210,000.00				
Common School			1,200.00				
5% Municipal St. Ry. Bond 1913, Res. No. 14461			2,517.66				
Advertising Fund Annual Transfer of Fees			11,260.10				
General Fund 1915-16 Bank Interest received in July			16,474.42				
				12,612,372.35			
Demands					8,574,387.45		
Superior Court Orders					21,274.01		
Transferred to:							
Police Relief and Pension Fund Account Licenses						59,747.00	
Account Police Court Fines						4,592.75	
Loan Transfer Account—Temporary Loans Returned						3,210,000.00	
5% City Hall Bond Fund, Res. No. 13077						2,185.00	
City and County Good Roads Fund						1,000.00	
Stockton St. Tunnel Assessment, Res. No. 13391						4,000.00	

Special Inspection Fund, Res. No. 13456						7,000.00	
5% Fire Protection Bond Fund, Res. No. 13667						8,582.00	
Common School Fund per advices City and County Atty.						1,200.00	
5% Fire Protection Bond Fund 1908, Res. No. 14373						450.86	
							11,894,419.07
COMMON SCHOOL:							
Taxes		1,469,188.34					
State of California, Final Annual Apportionment Elementary Schools, 1915-16		27,548.39					
School Apportionment 1916-17:							
Elementary Schools	643,700.84						
High Schools	53,297 88						
		696,998.72					
Rent, School Property	11,791.15						
Rent, Lincoln School Lots	86,940.00						
		98,731.15					
Manual Training Material	65.00						
Sale of old desks, sundry materials, etc.	173.77						
Sale of donations from P. P. I. E.	120.00						
Depredations	11.80						
Janitorial Service	77.00						
Refund, Postal Money Order	13.50						
Refund, Auto Licenses	17.60						
Laboratory Fees, I. M. Scott School	72.00						
Electricity Furnished	17.00						
Social Center	2.50						
		570.17					

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Transferred from Loan Transfer Account, Temporary Loan			235,000.00				
Transferred from General Fund 1916-17, Res. No. 13644			1,200.00				
				2,529,236.77			
Demands					2,308,752.48		
Transferred to Loan Transfer Account, Temporary Loan Ret						235,000.00	
Transferred to General Fund 1916-17 per advice City and County Attorney						1,200.00	
							2,544,952.48
TEACHERS' INSTITUTE:							
Examination and Certificate Fees				632.00			
Demands							181.17
ADVERTISING:							
Board of Supervisors, Fees		4,231.00					
Board of Public Works, Fees		6,915.20					
Board of Fire Commissioners, Fees		112.90					
Transferred from Twin Peaks Tunnel Assesment Fund No. 1			1.00				
				11,260.10			
Annual Transfer to General Fund						11,260.10	
							11,260.10
UNAPPORTIONED FEE:							
Detail of Officers	882.50						
Police Department Taxi-Meter Fees	109.00						
		991.50					

Registrar		1,396.13					
Auditor		122.50					
Sheriff		26,653.34					
County Clerk		88,921.82					
Recorder		68,453.70					
Recorder, Marriage License		6,410.00					
Justices' Clerk		30,417.00					
Board of Public Works		24,712.00					
Board of Health		1,177.00					
Department of Electricity		16,886.94					
Poundkeeper		2,139.65					
Treasurer		5.00					
State of California, Candidate Fees		1,346.04					
Coroner		23.60					
				269,656.22			
Demands					12,961.05		
Transferred to:							
General Fund						257,082.46	
Police Relief and Pension Fund						969.00	
							271,012.51
PARK:							
Taxes		381,028.86					
Donations:							
Mrs. A. D. Huntington	4,000.00						
Panama-Pac. Int. Expo. Co.	2,349.00						
		6,349.00					
Children's Quarters	34,220.60						
Beach Chalet	3,556.85						
Rent, Boat House	300.00						
Rent, Japanese Tea Garden	600.00						
Coin Box Receipts	54.02						
Museum Catalogues	30.50						
		38,761.97					

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Sale of:							
Sheep and Wool	531.70						
Horses	231.80						
Material	127.10						
		890.60					
Crating and Shipping Ostriches, Buffalo and Elk		262.50					
Labor and Material Cervantes Monument	351.15						
Teams, Labor and Material, Civic Center	366.25						
Labor	25.89						
Work Poly. High School Grounds	250.50						
		993.79					
Refund Auto Licenses, etc.		24.60					
U. R. R. of S. F. Right of Way G. G. Park, 1917		100.00					
Transferred from Loan Transfer Account, Temporary Loans			145,000.00				
				573,411.32			
Demands					412,142.91		
Transferred to Loan Transfer Account, Loans Returned						145,000.00	
							557,142.91
Stadium Special Deposit:							
Deposited by Park Com.				698.36			
Spreckles-Murphy Special Deposit: Account Honora Sharp Bequest from A. B. Spreckles				44,127.89			
Demands							3,451.50

LIBRARY:							
Taxes		108,799.47					
Sale of old Book Stack		1,000.00					
Sale of old paper		36.25					
Refund on Insurance		163.65					
Fines, etc		4,318.60					
Books Lost and Paid for, etc		207.75					
				114,525.72			
Demands							120,445.69
POLICE RELIEF AND PENSION:							
Contributions of Officers	22,234.00						
Rewards of Officers	185.00						
Fines of Officers	250.00						
		22,669.00					
Net proceeds Auction Sale:							
Sale of Property	754.00						
Unclaimed Cash	503.88						
		1,28.53					
Transferred from:							
Unapportioned Fee Fund			969.00				
General Fund:							
Account Licenses			59,747.00				
Account Police Court Fines			4,592.75				
Transferred from General Fund 1915-16:			9,675.99				
4½% Water Bond 1910, Temporary Loan			4,571.37				
				103,483.64			
Demands							116,475.35
FIREMEN' RELIEF AND PENSION:							
Taxes		108,832.42					
Transferred from:							
General Fund 1915-16			9,579.96				

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Loan Transfer Account, Temporary Loan			52,500.00				
4½% Water Bond 1910, Temporary Loan			20,000.00				
				190,912.38			
Demands					125,220.74		
Transferred to:							
Loan Transfer Account, Loans Returned						52,500.00	
4½% Water Bond 1910, Loans Returned						13,000.00	
							190,720.74
HOUSE MOVING, BOARD PUBLIC WORKS:							
Permits				2,100.00			
Demands							2,400.00
HOUSE MOVING, DEPT. OF ELECTRICITY:							
Permits				615.00			
Demands							555.65
SPECIAL BADGE:							
Permits				185.00			
Demands							185.00
DUPLICATE TAX:							
Taxes		6,373.14					
Transferred from:							
Twin Peaks Tunnel Assessment No. 1			613.38				
				6,986.52			

Demands							5,106.02
POLICE COURT BAIL MONEY:							
Bail Deposited				795,130.00			
Demands (Orders Paid)							800,345.00
ROBINSON BEQUEST INTEREST:							
Interest on Loan of $40,000 at 5%, one year				2,000.00			
Demands from Mayor's Office							2,000.00
HENRI WINDEL BEQUEST INTEREST:							
Interest on Investment $16,000, 5% Hospital Bonds 1908, one year				800.00			
Demands from Mayor's Office							800.00
DENMAN SILVER MEDAL FUND:							
6 mos. Interest on $3,000, 5% City Hall Bonds 1912				150.00			
SPECIAL PERMIT							
Sidewalk and Street Permits				47,853.00			
Demands							55,248.00
TEARING UP STREETS:							
Side Sewer Permits				54,956.95			
Demands							61,262.23
EXCAVATION:							
Street Opening Permits				19,954.85			
Demands							10,254.95
SPECIAL INSPECTION							
Contractors' Fees		43,132.30					
Transferred from General Fund 1916-17, Res. No. 13456			7,000.00				
				50,132.30			
Demands							66,210.00

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
MUNICIPAL RAILWAY:							
Passenger Receipts Fiscal Year ended June 30, 1917		1,476,196.00					
Transfers, U. R. R. of S. F., Fiscal Year ended June 30, 1917		8,921.04					
Advertising in Cars Fiscal Year ended June 30, 1917		19,358.22					
Depredations and Losses		29.85					
Refunds:							
Ocean Shore R. R. Co., etc., for Power		1,288.80					
Employees Insurance		24.00					
Employees Wages		3.00					
On account of repairs to trolleys, wires and poles; cars, crossings, paving, etc.	766.30	766.30					
Net proceeds sale of scrap brass, copper and iron, Res. No. 13345		3,061.40					
Earned Interest on Investment of $56,700 S. F. Municipal Bonds maturing June 30, 1917, Res. No. 11068		607.73					
Transferred from Municipal Railway Depreciation:							
Paid out for Injuries and Damages from Dec. 28, 1912, to Dec. 31, 1916, per Res. No. 14323 and 14324, Board of Supervisors			40,426.83				

Paid out for Betterments and Improvements from June 30, 1916, to Dec. 31, 1916, per Res. No. 14323			12,109.29				
Transferred from Municipal Railway Accident Insurance: Paid out for Injuries to employees to Dec. 31, 1916, per Res. No. 13993			2,413.30				
				1,565,205.76			
Demands					1,030,621.50		
Transferred to: Municipal Railway Depreciation Fund						261,882.55	
Municipal Railway Accident Ins. Fund						17,455.52	
As per Report Board of Public Works. Transferred to: 4½% Geary St. Ry. Bond 1910 Interest						80,055.00	
5% Municipal St. Ry. Bond 1913 Interest						175,000.00	
							1,565,014.57
To meet Interest payments, Fiscal year ended June 30, 1917. MUNICIPAL RAILWAY DEPRECIATION FUND: Earned Interest on $614,300, S. F. Municipal 3½% Bonds, Fiscal Year ended June 30, 1917		21,500.50					

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Transferred from Municipal Railway Fund 18% of gross passenger revenue			261,882.55				
				283,383.05			
As per Reports of Board of Public Works.							
Demands					12,132.40		
Transferred to Municipal Railway Fund on account of Injuries and Damages from Dec. 28, 1912, to Dec. 31, 1916						40,426.83	
On account of Betterments and Improvements from June 30, 1916, to Dec. 31, 1916						12,109.29	
Transferred to 4½% Geary St. Ry. Bond 1910 Redemption						95,000.00	
Transferred to 4½% Market St. Ry. Bond 1910 Redemption, per Res. No. 14450						6,000.00	
							165,668.52
MUNICIPAL RAILWAY ACCIDENT INSURANCE FUND:							
Transferred from Municipal Railway Fund Workmen's Liability Compensation during Fiscal Year ended June 30, 1917			17,455.52				
				17,455.52			
Demands					140.80		

Transferred to Municipal Railway Fund on account injured employees to Dec. 31, 1916, Res. No. 13993						2,413.30	
							2,554.10
MUNICIPAL WATER WORKS:							
Water Rentals				6,492.14			
Demands							7,184.97
EXPOSITION AUDITORIUM:							
Account per Ordinance No. 3521 N. S.:							
Rentals and Deposits, etc		26,545.61					
Lemare Organ Recitals		3,844.50					
S. F. Municipal Orchestra Concerts		2,001.45					
				32,391.56			
Demands:							
Miscellaneous					12,463.01		
Salary, Donohue, Supt, 1 year					2,400.00		
Salary, Lamare, Organist, 3 months					2,499.99		
Expense, Concerts					4,123.18		
Refunds					2,368.75		
							23,854.93
CITY AND COUNTY GOOD ROADS							
State of California—This County's Share Motor Vehicle Licenses, Fiscal Year ended June 30, 1916		111,837.85					
Southern Pacific Co.		2,499.26					
Transferred from General Fund 1916-17			1,000.00				
				115,337.11			

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Paid Southern Pacific Co.—							
Duplicate Payment					1,249.63		
Demands					124,846.95		
							126,096.58
STREET IMPROVEMENTS:							
Installment Payments by Property Owners				45,498.69			
Paid Contractors							43,853.16
Orizaba Street Extension				3.00			
STREET EXTENSION FUNDS:							
Bixby							13.30
Orizaba							13.30
Victoria							13.30
Beverly							25.30
Ramsell							13.30
STREET EXTENSION REDEMPTION FUNDS:							
Orizaba				82.05			
Bright				34.10			
Monticello				69.90			
Ramsell				46.80			
Orizaba St. Extension Redemption —Refunded to Purchaser							54.70
Circular Ave. Widening:							
Assessments				15,065.22			
Demands							210.00
Saturn St. Extension—Assessments				1,133.50			

LOAN TRANSFER ACCOUNT:							
Transferred from following Funds for purpose of facilitating temporary Loans between Funds under proper authorization—							
Assessor Account			800,000.00				
4½% Water Bond Fund,, 1910			2,500,000.00				
4½% Hospital-Jail Completion Bond Fund, 1913			400,000.00				
Transferred from following Funds account of temporary Loans returned—							
General Fund			3,210,000.00				
Common School Fund			235,000.00				
Park Fund			145,000.00				
Firemen's Relief Fund			52,500.00				
				7,342,500.00			
Transferred to Following Funds account temporary Loans—							
General Fund						3,210,000.00	
Common School Fund						235,000.00	
Park Fund						145,000.00	
Firemen's Relief Fund						52,500.00	
Transferred to Following Funds Loans returned—							
Assessor Account						800,000.00	
4½% Water Bond Fund, 1910						2,500,000.00	
4½% Hospital-Jail Completion Bond Fund, 1913						400,000.00	
							7,342,500.00
STOCKTON STREET TUNNEL ASSESSMENT:							
Tax Collector, Assessments		25,905.47					
Refund of advanced earned Int.		119.92					

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Transferred from:							
Stockton St. Tunnel Interest Fund, Res. No. 13225			3,000.00				
General Fund 1916-17, Res. No. 13391			4,000.00				
				33,025.39			
Demands					8,448.27		
Bonds Redeemed by Call No. 2					16,558.84		
Bonds Redeemed by Call No. 3					20,558.84		
Earned Interest on Call No. 3					119.92		
Transferred to Stockton Street Tunnel Interest						5,165.97	
							50,851.84
STOCKTON STREET TUNNEL INTEREST:							
Refund of Interest Coupons No. 3 and 4		983.17					
Refund of Unearned Interest Call No. 3 as per coupons and periods reported to Auditor		1,599.20					
Transferred from Stockton Street Tunnel Assessments			5,165.97				
				7,748.34			
Bond Int. Payments (Coupons)					8,680.31		
Transferred to Stockton St. Tunnel Assessment, Res. No. 13225						3,000.00	
							11,680.31

TWIN PAEKS RIDGE TUNNEL ASSESSMENT NO. ONE:							
Assessments (Non Bond)		2,001.54					
City and County Attorney, Refund		4.69					
Transferred from:							
Twin Peaks Ridge Tunnel Interest Fund, Res. No. 13758			780.00				
Twin Peaks Ridge Tunnel Interest Fund, Res. No. 14231			200,000.00				
				202,786.23			
Demands					239,988.76		
Transferred to:							
Twin Peaks Ridge Tunnel Interest						380.22	
Duplicate Tax						613.38	
Advertising Fund						1.00	
							240,983.36
TWIN PEAKS RIDGE TUNNEL ASSESSMENT NO. TWO:							
Assessments, Bond Issue Agreements		492,251.77					
Refund of Advanced Earned Interest Call No. 1		571.67					
				492,823.44			
Redemption of Bonds at maturity					267,000.00		
Redemption of Bonds Call No. 1					98,000.00		
Earned Interest on Call No. 1					571.67		
Transferred to Twin Peaks Ridge Tunnel Interest						130,480.00	
							496,051.67

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
TWIN PEAKS RIDGE TUNNEL INTEREST:							
R. C. Storrie & Co. Accrued Interest, $1,558,500 7% Tunnel Bonds, Sundry Dates		32,723.19					
Refund of Unearned Interest as per Coupons and periods reported to Auditor, Call No. 1		6,288.33					
Transferred from:							
Twin Peaks Ridge Tunnel Assessments No. 1			380.22				
Twin Peaks Ridge Tunnel Assessment No. 2			130,480.00				
				169,871.74			
Interest Coupons Paid					45,001.25		
Refund of Taxes per Res. No. 13734					231.70		
Transferred to:							
Twin Peaks Ridge Tunnel Assessment No. 1, Res. No. 13758						780.00	
Twin Peaks Ridge Tunnel Assessment No. 1, Res. No. 14231						200,000.00	
							246,012.95
TWIN PEAKS RIDGE TUNNEL REDEMPTION:							
Redeemed by Property Owners				2,997.75			

TAX COLLECTOR TAXES, UNAPPORTIONED:							
Collections, Fiscal Year ended June 30, 1917				11,722,298.45			
Apportioned to Sundry Funds					11,718,213.94		
Credited to Duplicate Tax					6,373.14		
Credited to State of California					20.27		
							11,724,607.35
TAX COLLECTOR SPECIAL:							
Tax Sales, Sec. 3771				1,979.50			
Apportioned to Sundry Funds					1,796.40		
Credited to State of California					380.60		
							2,177.00
REDM. PROPERTY SOLD STATE: UNAPPORTIONED:							
Sundry Redemptions, Fiscal Year ended June 30, 1917				114,507.11			
Apportioned to Sundry Funds					114,934.62		
Credited to State of California					1,045.10		
							115,979.72
STATE TAX REFUND:							
Refund of Taxes account Bonded Indebtedness as of Nov. 8, 1910				267,907.36			
Apportioned to Sundry Interest and Redemption Funds							267,907.36
PERSONAL PROP. TAXES, UNAPPORTIONED:							
Collections, Assessor		971,356.63					
Transferred from Loan Transfer Account, Temporary Loan Returned			800,000.00				
				1,771,356.63			
Apportioned to Sundy Funds					847,050.57		

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Transferred to Loan Transfer Account, Temporary Loan						800,000.00	
							1,647,050.57
INHERITANCE TAX:							
Collections by Treasurer				1,218,857.89			
Appraiser's Fees					12,440.15		
Refund of Taxes					6,305.31		
Special Legal Services, etc					1,312.91		
Certified Public Accountants					7,741.43		
Treasurer's Fees, Credited to General Fund					3,000.00		
Remitted to State of California					1,286,871.37		
							1,317,671.17
COUNTY CLERK SPECIAL:							
Superior Court Deposits				739,160.51			
Personal Property Taxes 1917-18					615.64		
Superior Court Orders					224,871.57		
							225,487.21
ABSENT CREDITORS				15.00			
ABSENT HEIRS:							
Received by Order Superior Court				16,734.25			
Personal property Taxes 1917-18					16.32		
Superior Court Orders					386.90		
							403.22
PUBLIC ADMINISTRATOR:							
Sundry Estates				16,908.62			
Superior Court Orders					4,025.97		
Personal Property Taxes 1917-18					443.78		
							4,469.75

STATE OF CALIFORNIA:							
Taxes		20.27					
Tax Sales Sec. 3771		380.60					
Surplus due State based on excess received from State Tax Refund on account Bonded Indebtedness as of Nov. 1, 1910, as follows:							
3½% School Bond Interest, 1904	212.48						
3½% School Bond Redemption, 1904	287.49						
4½% Water Supply Interest and Redemption, 1909 Refunded out of 4½% Water, 1910 Bond Fund Interest	260.27						
		760.24					
Redemption Property Sold State		1,045.10					
Inheritance Taxes		1,286,871.37					
Public School Teachers' Permanent Fund		18,242.00					
Interest on $44,000 5% Fire Protection Bonds		2,200.00					
Maintenance, State School Money:							
Eldridge (H. F. M.C.)	36,180.00						
Preston School of Industry	7,614.39						
Whittier Reform School	315.39						
California School for Girls	2,074.63						
		46,184.41					
Disbursements:				1,355,703.99			
Paid State Treasurer:							
School Teachers' Permanent Fund Contributions					17,286.00		
Interest on Bonds					2,200.00		
Settlements with State Controller:							

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Taxes, Back Years					20.28		
Tax Sales, Sec. 3771					380.60		
Inheritance Taxes					1,286,871.37		
Redemption Prop. Sold State					1,045.10		
Refund account of "State Tax Refund" Bond as of Nov. 8, 1910					760.24		
Eldridge (H. F. M. C.)					33,365.00		
Preston School of Industry					6,565.18		
Whittier Reform School					258.35		
California Schol for Girls					1,790.78		
							1,350,542.90

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Bond Interest Funds	Taxes	State Tax Refund	Accrued Interest on Bond Sales	Total Credits Taxes, etc.	Coupons Paid
3½% School, 1904	19,038.25	.....	.....	19,038.25	20,627.25
3½% Street, 1904	14,168.96	2,530.24	.....	16,699.20	19,531.75
3½% Jail, 1904	2,180.63	595.35	.....	2,775.98	2,740.50
3½% Library, 1904	24,920.40	1,637.21	.....	26,557.61	45,853.50
3½% Playground, 1904	14,162.37	3,869.77	.....	18,032.14	18,620.00
3½% Park Extension, 1904	5,997.49	1,637.21	.....	7,634.70	8,179.50
3½% Mission Park, 1904	5,453.16	1,488.38	.....	6,941.54	7,281.75
4½% Polytechnic High, 1910	23,389.57	.....	.....	23,389.57	23,557.50
4½% Geary Street Railway, 1910	.....	.....	.....	.....	78,007.50
4½% Market Street Railway, 1910	.....	.....	.....	.....	3,037.50
4½% Hetch Hetchy (Water), 1910	174,019.83	.....	24,395.00	198,414.83	188,932.50
4½% Hospital-Jail, 1913	42,467.40	.....	6,750.00	49,217.40	71,617.50
5% Fire Protection, 1908	210,218.96	44,055.88	.....	254,274.84	252,875.00
5% Sewer, 1908	164,960.71	26,790.73	.....	191,751.44	190,250.00
5% School, 1908	192,721.40	27,386.09	.....	220,107.49	225,325.00
5% Hospital, 1908	70,241.25	9,525.59	.....	79,766.84	82,900.00
5% Hall of Justice, 1908	32,682.68	5,358.14	.....	38,040.82	39,250.00
5% Garbage System, 1908	22,307.52	6,102.34	.....	28,409.86	30,450.00
5% City Hall, 1912	442,527.91	.....	.....	442,527.91	439,400.00
5% Exposition, 1912	231,200.53	.....	.....	231,200.53	345,450.00
5% Municipal Street Railway, 1913	.....	.....	.....	.....	215,547.50
Total Footings	1,692,659.02	130,976.93	31,145.00	1,854,780.95	2,309,434.25

TREASURER'S RECEIPTS AND EXPENDITURES—Continued

Bond Redemption Funds	Taxes	State Tax Refund	Total Tax Credits	Bonds Redeemed
3½% School, 1904	70,270.91	19,200.03	89,470.94	89,800.00
3½% Street, 1904	30,518.58	8,334.90	38,853.48	40,500.00
3½% Jail, 1904	13,621.35	3,720.93	17,342.28	17,400.00
3½% Library, 1904	32,138.36	8,781.41	40,919.77	41,100.00
3½% Playground, 1904	14,165.67	3,869.77	18,035.44	18,500.00
3½% Park Extension, 1904	6,538.53	1,786.05	8,324.58	8,200.00
3½% Mission Park, 1904	5,449.86	1,488.37	6,938.23	7,300.00
4½% Polytechnic High, 1910	25,039.05	.....	25,039.05	25,000.00
4½% Geary Street, 1910	.....	.....	.....	95,000.00
4½% Market Street, 1910	.....	.....	.....	6,000.00
4½% Hospital-Jail Bond, 1913	100,713.66	.....	100,713.66	100,000.00
5% Garbage System, 1908	40,850.90	8,930.24	49,781.14	50,000.00
5% Hall of Justice, 1908	44,634.82	7,441.87	52,076.69	50,000.00
5% Hospital, 1908	88,771.44	12,055.83	100,827.27	100,000.00
5% School, 1908	176,978.76	25,302.36	202,281.12	200,000.00
5% Sewer, 1908	85,502.18	13,693.05	99,195.23	100,000.00
5% Fire Protection, 1908	106,770.47	22,325.62	129,096.09	130,000.00
5% City Hall Bond, 1912	201,263.56	.....	201,263.56	.....
5% Exposition Bond, 1912	202,489.63	.....	202,489.63	200,000.00
Total Footings	1,245,717.73	136,930.43	1,382,648.16	1,278,800.00

JOURNAL ENTRY TRANSFERS IN RE BOND INTEREST AND REDEMPTION FUNDS

	Credit Transfers	Debit Transfers
3½% Street Bond Interest, 1904—Transferred from 3½% Street Bond Fund, 1904	2,108.87	.....
3½% County Jail and Hall of Justice Interest, 1904—Transferred from 3½% County Jail and Hall of Justice 1904 Redemption	15.82	.....
3½% County Jail and Hall of Justice, 1904 Redemption—Transferred to 3½% County Jail and Hall of Justice 1904 Interest	.....	15.82
3½% Mission Park Bond, 1904 Redemption—Transferred from 3½% Mission Park Bond 1904 Interest	30.84	.....
3½% Mission Park Bond, 1904 Interest—Transferred to 3½% Mission Park Bond 1904 Redemption	.....	30.84
3½% Hospital Bond, 1904 Interest—Transferred to 5% Hospital Bond 1908 Interest	.....	112.54
3½% Hospital Bond, 1904 Redemption—Transferred to 5% Hospital Bond 1908 Redemption	.....	.15
5% Hospital Bond, 1908 Interest—Transferred from 3½% Hospital Bond 1904 Interest	112.54	.....
5% Hospital Bond, 1908 Redemption—Transferred from 3½% Hospital 1904 Redemption	.15	.....
4½% Water Bond, 1910 Interest—Transferred from—		
4½% Water Supply 1909 Interest	1,027.07	.....
4½% Water Supply 1909 Redemption	1,473.13	.....
4½% Water Supply, 1909 Interest—Transferred to 4½% Water Bond 1910 Interest	.....	1,027.07
4½% Water Supply, 1909 Redemption—Transferred to 4½% Water Bond 1910 Interest	.....	1,473.13
5% Municipal Ry., 1913 Interest—Transferred from Municipal Railway Fund to meet Interest on 5% Municipal Ry. 1913 Bonds	175,000.00	.....
4½% Geary St. Ry. Bond, 1910 Interest—Transferred from Municipal Railway Fund to meet interest on 4½% Geary St. Ry Bonds 1910	78,502.50	.....
4½% Market St. Ry. Bond, 1910 Interest—Transferred from 4½% Geary St. Ry. Bond 1910 Interest	3,015.00	.....
Municipal Railway Fund	1,552.50	.....
4½% Geary St. Ry Bond, 1910 Interest—Transferred to 4½% Market St. Ry Bond 1910 Interest	.....	3,015.00
4½% Geary St. Ry. Bond, 1910 Redemption—Transferred from Municipal Railway Depreciation Fund	95,000.00	.....
4½% Market St. Ry. Bond, 1910 Redemption—Transferred from Municipal Railway Depreciation Fund	6,000.00	.....
5% Sewer Bond, 1908 Redemption—Transferred from 5% Sewer Bond 1908 Interest	1,362.45	.....
5% Sewer Bond, 1908 Interest—Transferred to 5% Sewer Bond 1908 Redemption	.....	1,362.45

Above Transfers authorized by Resolution of Board of Supervisors.

TREASURER'S RECEIPTS AND EXPENDITURES.

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
BOND FUNDS:							
3½% Library, 1904.							
Demands							313,033.95
3½% Sewer, 1904.							
Demands							42,723.60
3½% Street, 1904.							
Transferred to 3½% Street Bond, 1904 Interest						2,108.87	
							2,108.87
4½% Polytechnic High, 1910							
Demands							10,930.96
4½% Market St. Ry., 1910							
Demands							2,078.50
4½% Water, 1910							
Sale of Bonds to Anglo & London Paris National Bank—							
Par	1,640,000.00						
Premium	1,148.00						
		1,641,148.00					
Sale Copies of Freemen's Report		12.00					
Sale Lumber to W. B. Hunt & Sons		30.00					
Refund of Earned Premium State Compensation Law		487.47					
Transferred from:							
Loan Transfer Account			2,500,000.00				
Firemen's Relief			13,000.00				
				4,154,677.47			
Demands					1,566,094.62		
Transferred to:							
Loan Transfer Account						2,500,000.00	

Firemen's Relief Fund						20,000.00	
Police Relief & Pension Fund						4,571.37	
							4,090,665.99
4½% Hospital-Jail, 1913.							
Sale of Bonds to E. H. Rollins & Sons—							
Par	450,000.00						
Premium	4,860.00						
		454,860.00					
Damage to Garage Door, Hall of Justice		37.00					
Transferred from:							
Loan Transfer Account, Temporary Loan Returned			400,000.00				
5% Hospital Bond, 1908			16.50				
				854,913.50			
Demands					585,115.51		
Transferred to Loan Transfer Account, Temporary Loan						400,000.00	
							985,115.51
5% Hospital, 1908.							
Transferred to 4½% Hospital-Jail Bond, 1913						16.50	
							16.50
5% Sewer, 1908.							
Transferred from 5% Fire Protection Bond, 1908			579.43				
				579.43			
Demands							119,489.73
5% Fire Protection Bond, 1908.							
Transferred from:							
General Fund 1916-17, Res. No. 13667			8,582.00				

TREASURER'S RECEIPTS AND EXPENDITURES—Continued.

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Balances from June 30, 1916, Apportioned to Funds 1916-17		1,088,275.05					
Initial Cash Receipts Apportioned to Sundry Funds		[1]3,159,318.32					
Total Apportionment year 1916-17		[1]4,247,593.37					
Actual Cash Receipts		[2]3,454,066.77					
Total Extension Column		[3]7,701,660.14					
Total Credit Transfers			16,160,593.43				
Balance from June 30, 1916				10,525,701.09			
Total Ledger Credits				53,862,253.57			
Total Ledger Footings				64,387,954.66			
Distribution to Funds through Journal Entry—non Transfer					14,247,593.37		
Actual Cash Payments					25,090,894.31		
					39,338,487.68		
Debit Transfers						16,160,593.43	
Total Ledger Debits							55,499,081.11
Cash Balance, June 30, 1917							8,888,873.55
Grand Total							$64,387,954.66

PUBLIC MONEYS OF THE CITY AND COUNTY OF SAN FRANCISCO LOANED BY TREASURER TO CITY AND STATE BANKS AS OF JUNE 30, 1917

Name of Bank	Location	Amount
Alameda Savings	Alameda	45,000.00
Alameda National	Alameda	11,250.00
First National	Auburn	3,790.00
Auburn Savings	Auburn	9,000.00
First National	Berkeley	50,500.00
Berkeley Bank of Saving and Trust	Berkeley	12,500.00
Calistoga National	Calistoga	5,500.00
Bank of	Campbell	3,500.00
Butte County National	Chico	18,000.00
Bank of	Concord	7,500.00
Del Norte County	Crescent City	5,500.00
First National	Dixon	7,125.00
Commercial	Durham	9,000.00
Ferndale	Ferndale	10,000.00
Bank of	Folsom	12,500.00
First National	Fort Bragg	23,750.00
Scott Valley	Fort Jones	15,000.00
First National	Fresno	27,000.00
Union National	Fresno	16,950.00
First National	Healdsburg	6,750.00
Healdsburg National	Healdsburg	9,000.00
Healdsburg Savings	Healdsburg	5,500.00
Livermore Valley Savings	Livermore	5,500.00
First National	Livermore	10,500.00
Farmers & Merchants	Livermore	9,650.00
Livermore Savings	Livermore	10,350.00
Bank of	Loleta	4,000.00
Bank of	Lompoc	7,500.00
First National	Napa	5,500.00
Citizens	Nevada City	27,250.00
Central National	Oakland	7,500.00
Central Savings	Oakland	26,250.00
First Savings	Oakland	30,000.00
Security Savings	Orange	10,500.00
Bank of	Pacific Grove	10,000.00
First National	Palo Alto	7,500.00
California Savings	Petaluma	21,000.00
Petaluma National	Petaluma	40,000.00
Petaluma Savings	Petaluma	19,500.00
Sonoma County National	Petaluma	50,000.00
Swiss American	Petaluma	14,000.00
Contra Costa County	Pittsburg	7,500.00
Mierson Banking Corp	Placerville	12,500.00
Precentia Savings	Precentia	5,450.00
California National	Sacramento	37,000.00
National Bank of D. O. Mills & Co	Sacramento	27,150.00
California Savings	Sacramento	15,000.00
Sacramento Bank	Sacramento	101,700.00
Salinas City	Salinas	20,000.00
Monterey County	Salinas	7,500.00
American National	San Francisco	96,300.00
Anglo California Trust	San Francisco	118,875.00

TREASURER'S RECEIPTS AND EXPENDITURES—Continued.

Funds or Accounts and Information	Receipts	Extension	Credit Transfers	Total Credits	Disbursements	Debit Transfers	Total Debits
Balances from June 30, 1916, Apportioned to Funds 1916-17		1,088,275.05					
Initial Cash Receipts Apportioned to Sundry Funds		[1]3,159,318.32					
Total Apportionment year 1916-17		[1]4,247,593.37					
Actual Cash Receipts		[2]3,454,066.77					
Total Extension Column		[3]7,701,660.14					
Total Credit Transfers			16,160,593.43				
Balance from June 30, 1916				10,525,701.09			
Total Ledger Credits				53,862,253.57			
Total Ledger Footings				64,387,954.66			
Distribution to Funds through Journal Entry—non Transfer					14,247,593.37		
Actual Cash Payments					25,090,894.31		
					39,338,487.68		
Debit Transfers						16,160,593.43	
Total Ledger Debits							55,499,081.11
Cash Balance, June 30, 1917							8,888,873.55
Grand Total							$64,387,954.66

PUBLIC MONEYS OF THE CITY AND COUNTY OF SAN FRANCISCO LOANED BY TREASURER TO CITY AND STATE BANKS AS OF JUNE 30, 1917

Name of Bank	Location	Amount
Alameda Savings	Alameda	45,000.00
Alameda National	Alameda	11,250.00
First National	Auburn	3,790.00
Auburn Savings	Auburn	9,000.00
First National	Berkeley	50,500.00
Berkeley Bank of Saving and Trust	Berkeley	12,500.00
Calistoga National	Calistoga	5,500.00
Bank of	Campbell	3,500.00
Butte County National	Chico	18,000.00
Bank of	Concord	7,500.00
Del Norte County	Crescent City	5,500.00
First National	Dixon	7,125.00
Commercial	Durham	9,000.00
Ferndale	Ferndale	10,000.00
Bank of	Folsom	12,500.00
First National	Fort Bragg	23,750.00
Scott Valley	Fort Jones	15,000.00
First National	Fresno	27,000.00
Union National	Fresno	16,950.00
First National	Healdsburg	6,750.00
Healdsburg National	Healdsburg	9,000.00
Healdsburg Savings	Healdsburg	5,500.00
Livermore Valley Savings	Livermore	5,500.00
First National	Livermore	10,500.00
Farmers & Merchants	Livermore	9,650.00
Livermore Savings	Livermore	10,350.00
Bank of	Loleta	4,000.00
Bank of	Lompoc	7,500.00
First National	Napa	5,500.00
Citizens	Nevada City	27,250.00
Central National	Oakland	7,500.00
Central Savings	Oakland	26,250.00
First Savings	Oakland	30,000.00
Security Savings	Orange	10,500.00
Bank of	Pacific Grove	10,000.00
First National	Palo Alto	7,500.00
California Savings	Petaluma	21,000.00
Petaluma National	Petaluma	40,000.00
Petaluma Savings	Petaluma	19,500.00
Sonoma County National	Petaluma	50,000.00
Swiss American	Petaluma	14,000.00
Contra Costa County	Pittsburg	7,500.00
Mierson Banking Corp.	Placerville	12,500.00
Precentia Savings	Precentia	5,450.00
California National	Sacramento	37,000.00
National Bank of D. O. Mills & Co.	Sacramento	27,150.00
California Savings	Sacramento	15,000.00
Sacramento Bank	Sacramento	101,700.00
Salinas City	Salinas	20,000.00
Monterey County	Salinas	7,500.00
American National	San Francisco	96,300.00
Anglo California Trust	San Francisco	118,875.00

Name of Bank	Location	Amount
Anglo & London Paris National	San Francisco	300,000.00
Bank of California, N. A.	San Francisco	210,000.00
Bank of Italy	San Francisco	416,500.00
Donohoe Kelly Banking Co.	San Francisco	49,000.00
First Federal Trust	San Francisco	277,250.00
First National	San Francisco	200,000.00
French American Bank of Savings	San Francisco	175,000.00
Italian American	San Francisco	157,000.00
Mercantile National	San Francisco	260,000.00
Merchants National	San Francisco	263,500.00
Mission	San Francisco	26,250.00
Portuguese American	San Francisco	66,000.00
Seaboard National	San Francisco	67,500.00
Union Trust	San Francisco	332,812.50
Wells Fargo Nevada National	San Francisco	525,000.00
National	San Mateo	22,500.00
First National	San Pedro	7,750.00
Union National	San Luis Obispo	4,500.00
Farmers & Merchants	Santa Paula	12,000.00
Santa Rosa National	Santa Rosa	28,000.00
First National	Sebasotpol	18,880.00
First National	Sonora	34,000.00
Savings Bank	St. Helena	12,500.00
Commercial & Savings	Stockton	33,750.00
San Joaquin Valley National	Stockton	100,000.00
First National	Suisun	17,000.00
Bank of	Tomales	18,000.00
Peoples State	Turlock	6,900.00
Vallejo Commercial	Vallejo	22,500.00
Dairymen	Valley Ford	13,000.00
San Ramon Valley	Walnut Creek	12,750.00
Farmers	Wheatland	12,900.00
		$4,782,832.50

SPECIAL FUNDS

Cash Balance, June 30, 1916			$11,336.55
No Receipts			
			$11,336.55
Disbursements:			
Absent Heirs—			
Superior Court Orders	$182.68		
Personal Property Taxes 1917-18	166.79		
		$349.47	
Public Administrator:			
Personal Property Taxes 1917-18		16.68	
			366.15
Cash Balance, June 30, 1917			10,970.40
			$11,336.55

CASH IN TREASURY JUNE 30, 1917

County Clerk Special	$ 803.71
Special Redemption Taxes	485.35
Public Administrator	700.45
Absent Heirs	8,890.74
Absent Creditors	90.15
	$10,970.40

Assessors' Report

San Francisco, October 1st, 1917.

Honorable James Rolph, Jr.,

Mayor of San Francisco,
City Hall.

Dear Sir: In compliance with the provisions of Section 9, Article XVI, of the Charter, I beg to submit my Annual Report for the fiscal year ending June 30, 1917.

I have compiled a list of parcels of land and improvements of property that under the law are exempt from taxation.

Respectfully submitted,

JOHN GINTY,
Assessor.

The non-operative roll is the assessment roll subject to the city tax rate. The operative roll is the assessment of property not subject to city taxation and comprises the property of corporations taxed exclusively for State purposes. It is required to be written in full, as all property, operative and non-operative, is subject to the additional ad valorem tax rate that may be levied by the State if the State revenues provided in Section 14, Article XIII, are not sufficient to meet the expenditures of the State. The State has not levied an ad valorem tax since 1911.

NON-OPERATIVE ROLL.

Assessment of land	$302,301,310
Improvements	180,317,260
Personal property	71,837,935
Total	$554,456,505

A net increase over last year of $8,563,572. The increase in improvements was $4,929,655; the increase in personal property, $3,808,096; the loss in land values was $274,179.

The latter was caused by the city's purchase of land, causing loss in annual taxes, based on $2.33 rate, of $6,388.37. This annual loss of taxes is perpetual and where the land is not needed is equivalent to an annual rental charge paid by the city.

The increase in assessment of personal property is mainly due to merchants returning their stock of merchandise at the present high market prices, which cannot be counted on in future years.

IMPROVEMENTS ASSESSED TOO HIGH.

A large reduction should be made for old buildings. The demand of tenants for new buildings, bungalows and apartment houses results in the old houses and flats remaining vacant, which tends to depreciate adjoining property. Social conditions also affect rental values, resulting in depreciation of selling values.

OPERATIVE ROLL.

Value of land	$ 8,299,230
Value of improvements	4,640,020
Value of personal property	116,114,881
Value of franchises	108,092,700
Railroad property assessed by State Board of Equalization	354,381
Total	$237,501,212

An increase of $21,357,322 over last year.

The total operative and non-operative roll is as follows:

Land	$310,600,540
Improvements	189,957,280
Personal property	187,952,817
Franchise	108,092,700.
Railroad property assessed by the State Board of Equalization	354,381
Total	$791,957,718

(Or an assessment of $1445 per capita.)

COMPARISONS.

This is more than the entire State of California was assessed for in 1883 and exceeds the total assessed values of each of the following states in 1916: Alabama, Arizona, Arkansas, Florida, Idaho, Louisiana, Maine, Mississippi, Montana, Ne-

braska, Nevada, New Hampshire, New Mexico, North Carolina, North Dakota, Rhode Island, Utah, Vermont, Wyoming, and is only exceeded by six cities in the United States, and, if they assessed at the same ratio, it is only exceeded by Boston, New York and Philadelphia.

The land area of San Francisco is only 46 6-10 square miles.

ASSESSOR'S OFFICE EXPENSE.

The total expense of this office for all salaries, help, stationery and buggy hire was $109,100. The Finance Committee cut this down to $104,100 for the coming year, although a large amount of additional work should be done in re-appraising to allow for depreciation of old buildings, depreciation in business centers and reduced rental values.

In 1912, Cleveland, Ohio, with only 23 square miles, appropriated $65,000 to re-appraise their assessments; Los Angeles in 1914 appropriated and additional amount of $134,000 for re-appraisement. Last year Los Angeles County Assessor's office was allowed $165,000; this year $175,00 was appropriated. This appropriation for the Assessor's office in New York Ctiy in 1915 was $583,740; in 1916, $586,877.50.

San Francisco has about one-third as many parcels of real estate to assess as New York City and the expense of San Francisco's office is only about one-sixth of New York's. There they have one appraiser for each 7905 parcels of land and they are each paid $7000 a year. The entire city is reviewed each year. San Francisco has one appraiser for over 155,000 lots and one appraiser for all the improvements, each receiving $2100 a year, making it impossible to go over the entire city each year, as the law contemplates the Assessor should do.

The cost per $1000 assessed value in 1916 in Richmond Borough, New York, was $0.50. Cost per parcel for assessing real estate in the Borough of Manhattan, $1.05; Bronx; $1.02; Brooklyn, $0.81; Queens, $0.83; Richmond, $1.17. In San Francisco the cost per parcel of real estate is 24 cents and the cost per $1000 assessed value is 13 cents. In 1880 it was 87 cents; in 1890, $0.279; in 1900, $0.205; in 1910, $0.195. The cost per $1000 assessed value in Los Angeles is 24 cents; San Joaquin County, 24 cents; Sacramento County 27 cents; Alameda County 34 cents. Despite this showing, I am cut down $5000 this year, which will cause the city to lose many times $5000 in taxes for lack of help and equipment. The Assessor has been likened to a good salesman selling government service, for 81 per cent of the entire expense of the city is raised by taxation and the assessment roll is the foundation on which all taxes are computed. The earnings of the license office depend on the initiative and personal direction of the Tax Collector. The assessment roll likewise is largely the result of the initiative and personal direction of the Assessor and his deputies. The assessable property must be hunted up and found; assessments do not automatically flow into his office. In other departments business originates by the man calling at the department and paying the exact legal fee for the work to be done, and no personal effort of the official can increase or decrease the earnings of his office. The increase of the non-operative roll since I took office in 1912 has been $92,600.724. As an assessment of $2,328,596 equals one cent in the tax rate, the increase since 1912, if the expenses of the city did not increase should have lowered the tax rate of 1911 (which was $2) by 39 cents; instead it has been absorbed and a raise of 29 cents has been added, making a total raise of 68 cents in six years. No part of this increase has been used in this office either for furniture, fixtures or salaries, although more help and filing fixtures are needed. The increase in the expenses of the city for 1917-18 was $53,680. The increase in the non-operative roll was $11,893,649. As $2,300,000 increase in the assessment roll is equal to one cent in the tax rate, it follows that a greater reduction in the tax rate could have been made. The reduced tax rate is due to the generous returns made by the taxpayers in their statements and assessments of new buildings and probate increases.

ASSESSOR'S OFFICE SELF-SUPPORTING.

The increase in assessment in the last five years, due to expert knowledge and work of the Assessor, has led to the collection of $227,496 in taxes on impounded money in litigation, heretofore untaxed, and over $240,000 collected from the State on new operative propertly, mostly in franchises never assessed until last year. If credit be given the office for the discovery of this property and property in probate proceedings, then the entire expenses of this office have been more than covered by this unexpected windfall of taxes.

So many inquiries have been made as to the value of exempt property, while not the duty of this office, I have this year personally made an accurate list of same, which I understand is the first time it has been done in this city. Lots have been bought or reserved under the Van Ness Ordinance since 1864, at a time when no one knew whether the location would be adapted for the purpose intended. As an illustration, the School Department owns 270 parcels of land, of which 105, valued at $1,473,860, are idle and have no improvements on them. The Fire Department has 41 vacant lots valued at $212,920. Altogether the city owns 167 vacant lots valued at $4,559,300, many of which, owing to the growth of the city, are not suitable for the purposes they were reserved for.

VALUE OF REAL ESTATE AND IMPROVEMENTS EXEMPT FROM TAXATION.

		Assessed Value of Property			Not Imp'v'd	
	No. of Lots	Real Estate	Imps.	Total	No. of Lots	Real Estate
†Auxiliary Water Supply, including pumps	11	$158,100	$1,439,200	$1,597,300	2	$400
Board of Public Works, inc. asphalt plant	9	179,000	47,900	226,900	....	.....
Churches	239	2,907,860	4,732,400	7,640,260	....	.....
Civic Center	8	3,220,260	3,516,000	6,736,260	4	1,882,260
*Fire Department	105	674,160	840,000	1,514,160	41	212,920
Garbage incin. plant	3	70,260	50,000	120,260	2	63,000
Hospital	10	1,007,080	3,133,600	4,140,680	....	.....
Jail	4	423,880	380,000	803,880	1	28,660
Library	10	690,900	1,385,000	2,075,900	....	.....
Market Exchange	8	822,760	.....	822,760	8	822,760
Municipal Railway, including equipment	24	160,040	4,765,535	4,925,575	2	56,240
Parks	52	32,919,080	1,000,000	33,919,080	....	.....
Playgrounds	10	1,196,900	29,000	1,225,900	....	.....
Police Department	13	325,500	836,200	1,161,700	....	.....
School Department	270	4,563,980	6,923,400	11,487,380	105	1,473,860
Sewer Pumping Sta	1	14,000	10,000	24,000	....	.....
Sewer right of way	21	59,700	.....	59,700	....	.....
State prop. including wharves & equipmt.	58	13,820,200	16,829,919	30,650,119	....	.....
Tunnel right of way	15	112,440	.....	112,440	....	.....
U. S. of America	14	27,409,880	11,442,000	38,851,880	....	.....
Universities	23	1,849,140	2,898,600	4,747,740	....	.....
Veterans' Home	1	19,200	.....	19,200	1	19,200
Water supply	3	4,000	17,000	21,000	1	700
Total	912	$92,608,320	$60,275,754	$152,884,074	167	$4,560,000

*Does not include value of equipment and fireboats.

†Does not include value of underground construction and hydrants.

SYSTEM.

Since 1913 a unit system, similar to a factory accounting, has been kept in this office, showing the number of hours spent on each class or piece of work and the labor cost of same; not only leading to economy in office work, but suggested avenues where investigation would result in increased revenue for the city.

Owing to the limited appropriations for this office many thousands of dollars in taxes are annually lost because this office has not been supplied with labor-saving devices and sufficient help to make the needed investigation. No greater absurdity could be imagined than to think the Assessor's office can be run on the same appropriation year after year. There is not a single change of conditions in the city that does not increase the work of the Assessor. If the population increases (the average annual increase since 1910 has been 17,330) more personal property statements must be delivered and more unsecured personal property taxes collected. New subdivision of lands or cut-up of lots increases the map work and new appraisements, making more individual assessments to be entered on the rolls; likewise new houses constructed, old ones torn down, remodeled or destroyed by fire, add to the work of investigating; new mercantile projects, warehousing and corporations require time and help to investigate. Sales of real estate and decrees of probate court require changing of maps to correspond to the new owners' names. Automobiles and franchise assessments this year required the copying of 26,000 cards for investigation and the entering of nearly the same number of individual assessments on the rolls. Changed social conditions reduce rents, which should be reflected in reduced assessed values, often extending over a large area like the abatement of the red-light district and closing of saloons. Deaths add to the work of searching probate records, resulting in finding of millions of taxable personable property that had never been returned by the owner when alive.

Paving streets and other public improvements often increase the value of abutting property, requiring a re-appraisement of a large amount of property. Affidavits for exemption of churches and veterans' exemptions amount to more than one thousand claims each year, which must be investigated and values changed to correspond with same. Several thousand claims were filed last year for reductions of assessments, claiming reductions for depreciations, reduced rentals, and new sales in the neighborhood showing excessive assessments.

A ledger account for each block is kept, showing all sales and building contracts recorded, as an aid to the appraisers' work. As the total number of sales per year is 70,000 and about 24,000 building contracts are filed a year, there are 94,000 entries to be posted to ledger accounts that change the assessed values each year. There are over 5500 city blocks and more than 155,000 parcels of land to be separately appraised and entered on the roll, also 170,000 personal property statements to be delivered and collected. The taxes collected on the unsecured personal property statements amount to $967,713.69 this year. The correspondence department handled 175,000 pieces of mail the last year.

Report of Department of Elections

San Francisco, August 8, 1917.

Honorable James Rolph, Jr., Mayor,
City and County of San Francisco.

Sir: In compliance with the provisions of Section 9, Article XVI of the Charter of the City and County of San Francisco, the Board of Election Commissioners hereby submits and presents its annual report for the fiscal year ending June 30, 1917.

The report shows the financial statement for the past fiscal year, summary of votes cast at the primary election held August 29, 1916, and General Election held November 7, 1916, also statement showing occupations of registered voters, and nativity of registered voters, for the year ending December 31, 1916.

Respectfully submitted,

JAMES K. PRIOR, JR., President,
THOMAS V. CATOR,
CHARLES J. COLLINS,
WILLIAM McDEVITT,
JOHN HERMANN,
Election Commissioners.
J H. ZEMANSKY,
Registrar of Voters and Secretary of the Board of Election Commissioners.

ANNUAL STATEMENT SHOWING APPROPRIATIONS AND EXPENDITURES, DEPARTMENT OF ELECTIONS, FOR FISCAL YEAR ENDING JUNE 30, 1917.

Appropriation—General, 1916-1917		$260,000.00
Expenditures—		
Primary Election, August 29th, 1916	$ 51,216.40	
General Election, November 7th, 1916	67,634.49	
Registration:		
Office $58,395.88		
Outside 9,971.08		
	68,366.96	
Printing	14,234.22	
Postage, Advertising, Envelopes, etc.	9,073.08	
Military Conscription Registration	903.97	
Warehouse	5,735.20	
Total	$217,164.32	
Surplus Fiscal Year 1916-17	42,835.68	
	$260,000.00	$260,000.00
Appropriation—Special, 1916-17		$ 50,000.00
Expenditures—Examination of Petitions	$ 583.28	
Surplus Fiscal Year 1916-17	49,416.72	
	$ 50,000.00	$ 50,000.00
Fees Collected—		
Candidate's Fees	$ 60.00	
Index to Register	1,336.13	
Total	$ 1,396.13	

NATIVITY OF AMERICAN BORN ELECTORS OF SAN FRANCISCO, DECEMBER 31st, 1916.

Alabama	276	New Hampshire	289
Arizona	180	New Jersey	1,051
Arkansasa	272	New Mexico	104
California	78,955	New York	8,717
Colorado	827	North Carolina	287
Connecticut	587	North Dakota	127
Deleware	93	Ohio	3,446
District of Columbia	187	Oklahoma	72
Florida	102	Oregon	1,535
Georgia	368	Pennsylvania	3,647
Idaho	155	Rhode Island	327
Illinois	4,971	South Carolina	174
Indiana	1,936	South Dakota	201
Iowa	2,566	Tennessee	651
Kansas	1,421	Texas	1,016
Kentucky	1,234	Utah	435
Louisiana	705	Vermont	356
Maine	972	Virginia	610
Maryland	669	Washington	795
Massachusetts	3,191	West Virginia	265
Michigan	1,994	Wisconsin	1,925
Minnesota	1,420	Wyoming	82
Mississippi	242	Alaska	26
Missouri	3,247	Hawaii	258
Montana	254	Philippine Islands	6
Nebraska	916	Porto Rico	1
Nevada	1,548		
		Total	135,693

NATIVITY OF FOREIGN-BORN ELECTORS OF SAN FRANCISCO, DECEMBER 31st, 1916.

Africa	14	Ilse of Malta	1
Argentina	17	Isle of Martinique	4
Asia Minor	6	Italy	3,288
At Sea	41	Japan	19
Australia	567	Luxemburg	32
Austria	1,877	Mexico	141
Azores Islands	40	New Zealand	137
Belgium	142	Norway	966
Brazil	12	Oceania	8
Bulgaria	10	Persia	5
Canada	2,695	Peru	25
Central America	49	Portugal	124
Chile	26	Roumania	207
China	24	Russia	1,657
Cuba	10	Scotland	1,234
Denmark	1,151	Servia	16
East India	7	South Africa	7
Egypt	5	Spain	82
England	3,694	Sweden	2,598
Finland	304	Switzerland	1,103
France	1,785	Tahiti	12
Germany	10,886	Turkey	120
Greece	216	Uruguay	21
Guina	3	Venezuela	5
Holland	187	Wales	131
Hungary	402	West Indies	33
Iceland	21		
India	27	Total	45,652
Ireland	9,554		

STATISTICS OF OCCUPATIONS, DECEMBER 31, 1916.

Actors, Entertainers, etc	339
Adjuster	91
Advertising	176
Agent	923
Architect	214
Artist and Illustrator	300
Asphalt worker	20
Attorney	1,277
Automobile and Garage Owner	158
Automobile worker	110
Baggageman	19
Baker	575
Banker	123
Barber	1,059
Bartender	1,231
Blacksmith	525
Boiler maker	465
Bookbinder	222
Bookkeeper	3,272
Boxmaker	109
Brewer and Beer Bottler	466
Bricklayer	261
Bridge Builder	38
Broker	842
Builder	336
Butcher	1,056
Candymaker	118
Capitalist	142
Car builder and repairer	112
Carman	2,474
Carpenter and Cabinet maker	3,502
Carpet layer	84
Cashier	667
Caulker	55
Cement worker	343
Chauffeur	1,786
Cigar maker	141
Civil Engineer	322
Clergyman	242
Clerk	12,096
Collector	399
Concrete worker	28
Confectioner	85
Contractor	1,129
Cook	1,062
Cooper	231
Cutter	166
Dairyman	112
Decorator and Paper Hanger	243
Dentist	437
Domestic	371
Draftsman	322
Dressmaker and Fitter	1,569
Druggist and Chemist	618
Electrical Engineer	76
Electrician	1,683
Elevator operator	237
Engineer	2,046
Fireman	1,256
Fisherman	51
Florist	173
Foreman and Forelady	853
Furniture Handler	9
Gardener	320
Gas worker	151
Glass Blower and Glass worker	288
Granite Cutter	177
Grocer	884
Hatter	68
Hodcarrier	76
Horseshoer	157
Hotel keeper, Landlady, etc	748
Housekeeper	1,810
Housesmith	58
Housewife and Homemaker	47,445
Hydraulic Engineer	4
Inspector	454
Instrument maker	10
Insurance	642
Ironworker	769
Janitor and Janitress	949
Jeweler	494
Laborer	3,823
Lather	131
Laundry worker	767
Leather worker	141
Letter carrier	398
Liquor dealer	571
Lithographer	123
Livery and Stableman	258
Locksmith	40
Machinist	2,397
Manager	1,636
Manufacturer	788
Marble Polisher	103
Marine Engineer	302
Marine Fireman	174
Master Mariner and Mate	273
Mechanic	549
Mechanical Engineer	47
Merchant	6,416
Messenger	124
Metal Polisher	27
Milliner	500

STATISTICS OF OCCUPATIONS—Continued.

Millman	473	Service man	2
Miner	468	Shademaker	17
Mining Engineer	77	Sheet metal worker	458
Moulder	378	Ship building	398
Moving Picture Operator	76	Shoemaker	272
Musician	842	Shoe worker	80
Newsboy	19	Solicitor	305
Newspaperman, Journalist, etc.	486	Special Police	176
News service	139	Stationary Fireman	48
None	4,135	Steam Fitter	244
Nurse	1,429	Steel worker	53
Oiler	66	Stenographer and Typist	3,212
Operator	686	Stevedore, Longshoreman and Rigger	1,176
Packer	480	Steward	376
Painter	1,864	Street sweeper	35
Patrolman	62	Student	823
Pattern maker	110	Superintendent	416
Paver	71	Surveyor	97
Peddler	132	Switchman	157
Photoengraver	41	Tailor	1,181
Photographer	196	Tanner	157
Physician and Healing	1,214	Teacher	2,108
Pile Driver	55	Teamster, Drayman Expressman	4,565
Plasterer	325	Tel. Operator	464
Plumber	1,080	Time Keeper	46
Police Officer	975	Trackman	45
Porter	515	Trunkmaker	20
Pressman	304	Undertaker	160
Printer	1,034	Upholsterer	164
Public Official	567	Waiter and Waitress	1,264
Publisher	116	Warehouseman	117
Railroad Police	16	Watchman	607
Real Estate	915	Window Cleaner	18
Restaurateur	489	Wireless Operator	9
Retired	3,231	Wood Carver and Wood Worker	184
Roofer	102	Miscellaneous	4,230
Salespersons	7,446		
Saloon Keeper	827	Total	181,345
Seaman	890		
Secretary	671		

STATEMENT OF VOTES CAST FOR CANDIDATES FOR THE NOMINATION OF THE REPUBLICAN PARTY AT PRIMARY ELECTION HELD AUGUST 29th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA

			United States Senator		Representative in Congress		
					4th District	5th District	
District—	Total Votes Polled	Total Republican Votes Polled	Willis H. Booth	Hiram W. Johnson	Julius Kahn	John I. Nolan	George W. Root
Twenty-first	4,721	3,073	911	2,137	2,457		
Twenty-second	3,237	2,204	493	1,682		1,759	359
Twenty-third	4,816	3,167	783	2,376		2,492	539
Twenty-fourth	4,894	3,126	846	2,278		2,333	723
Twenty-fifth	6,285	4,359	1,544	2,769		3,076	1,087
Twenty-sixth	8,162	5,747	2,270	3,438		3,631	1,876
Twenty-seventh	6,604	4,522	1,992	2,529		2,250	2099
Twenty-eighth	7,792	5,907	2,703	3,135	5,187		
Twenty-ninth	5,740	3,811	1,379	2,394		2,563	1,061
Thirty	6,239	4,473	1,875	2,543	3,766		
Thirty-one	6,718	5,347	3,064	2,238	4,677		
Thirty-two	7,130	5,275	2,680	2,589	4,604		
Thirty-three	4,564	3,668	1,544	2,052	3,026		
	76,902	54,679	22,084	32,160	23,717	18,104	7,744

STATEMENT OF VOTES—PRIMARY ELECTION AUGUST 29th, 1916.

STATE SENATOR—19th DISTRICT.

District—	Lester G. Burnett	Nathan C. Coghlan	Andrew Einsfeld	Robert B. McClellan
Thirty	80	69	35	41
Thirty-one	2,116	1,586	423	862
Thirty-second	358	381	27	163
Thirty-three	168	358	48	51
	2,722	2,394	533	1,117

STATE SENATOR—21st DISTRICT.

	Fred C. Gerdes	John F. Madden	James C. Nealon
Twenty-second	427	168	406
Twenty-fifth	1,558	457	1,291
Twenty-sixth	1,884	345	1,817
Twenty-seven	156	43	175
	4,025	1,013	3,689

STATE SENATOR—23d DISTRICT.

	John A. Barr	Walter A. McDonald	William Merton Page	Thomas F. Roberts
Twenty-first	365	1,454	162	891
Twenty-second	101	623	47	321
	466	2,077	209	1,212

STATEMENT OF VOTES—PRIMARY ELECTION AUGUST 29th, 1916.

DELEGATES TO STATE CONVENTION

	18th District	20th District	22nd District	24th District	
District—	Frank de Carlo	Felix McHugh	John J. Crowley	Carl J. Carlson	James E. Hopkins
Twenty-third				906	1,678
Twenty-fourth				1,097	1,413
Twenty-fifth			630		
Twenty-sixth		231	696		
Twenty-seven		2,575			
Twenty-eighth		3,780			
Twenty-ninth			2,443		
Thirty		1,319	1,384		
Thirty-one		70			
Thirty-two	2,605				
Thirty-three	1,766				
	4,371	7,975	5,153	2,003	3,091

STATEMENT OF VOTES CAST FOR CANDIDATES FOR THE NOMINATION OF THE DEMOCRATIC PARTY AT PRIMARY ELECTION HELD AUGUST 29th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

District—	Total Votes Polled	Total Democratic Vote Polled
Twenty-first	4,721	1,129
Twenyt-second	3,237	715
Twenty-three	4,816	1,169
Twenty-fourth	4,894	1,197
Twenty-fifth	6,285	1,414
Twenty-sixth	8,162	1,755
Twenty-seventh	6,604	1,439
Twenty-eighth	5,740	1,364
Twenty-ninth	7,792	1,273
Thirtieth	6,239	1,247
Thirty-first	6,718	989
Thirty-second	7,130	1,293
Thirty-third	4,564	623
	76,902	15,607

UNITED STATES SENATOR.

District—	George S. Patton	Hiram W. Johnson	Willis H. Booth
Twenty-first	744	131	10
Twenty-second	428	63	3
Twenty-third	713	180	10
Twenty-fourth	658	243	29
Twenty-fifth	832	168	24
Twenty-sixth	1,015	284	
Twenty-seventh	860	201	33
Twenty-eighth	830	205	26
Twenty-ninth	773	217	23
Thirtieth	814	162	23
Thirty-first	635	147	31
Thirty-second	860	155	30
Thirty-third	401	81	
	9,563	2,237	242

REPRESENTATIVE IN CONGRESS—4th DISTRICT.

District—	J. M. Fernald	Julius Kahn
Twenty-first	768	69
Twenty-eighth	809	69
Thirtieth	801	
Thirty-first	636	49
Thirty-second	841	
Thirty-third	384	
	4,239	118

REPRESENTATIVE IN CONGRESS—5th DISTRICT.

District—	John I. Nolan	George A. Tracy	G. W. Root
Twenty-second	548	124	5
Twenty-third	907	221	5
Twenty-fourth	930	222	
Twenty-fifth	1,036	301	5
Twenty-sixth	1,247	428	
Twenty-seventh	942	372	
Twenty-ninth	961	331	7
	6,571	1,999	17

STATEMENT OF VOTES—PRIMARY ELECTION AUGUST 29th, 1916.
STATE SENATOR—19th DISTRICT

District—	Andrew Einsfeld	N. C. Coghlan	L. Burnett
Thirtieth	69		
Thirty-first	607	30	20
Thirty-second	157		
Thirty-third	53		
	886	30	20

STATE SENATOR—21st DISTRICT.

District—	Fred C. Gerdes	John F. Madden	James C. Nealon
Twenty-second	80	62	219
Twenty-fifth	271	200	649
Twenty-sixth	301	150	896
Twenty-seventh	30	46	117
	682	458	1,881

STATE SENATOR—23rd DISTRICT.

District—	Walter A. McDonald	Thomas F. Roberts
Twenty-first	601	453
Twenty-second	182	122
	783	575

DELEGATE TO STATE CONVENTION

District—	18th District James E. Derhana	20th District Thos. J. Walsh	22nd District John E. Lindsay	24th District Edward A. Nolan
Twenty-third				879
Twenty-fourth				949
Twenty-fifth			168	
Twenty-sixth		66	204	
Twenty-seventh		931		
Twenty-eighth		984		
Twenty-ninth			904	
Thirtieth		412	430	
Thirty-first		15		
Thirty-third	7			
	7	2,408	1,706	1,828

STATEMENT OF VOTES CAST FOR CANDIDATES FOR THE NOMINATION OF THE PROGRESSIVE PARTY AT PRIMARY ELECTION HELD AUGUST 29th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

UNITED STATES SENATOR.

District—	Total Progressive Vote Polled	Hiram W. Johnson	W. H. Booth
Twenty-first	167	159	1
Twenty-second	113	110	1
Twenty-three	156	149	1
Twenty-fourth	194	181	
Twenty-fifth	175	163	3
Twenty-sixth	241	224	
Twenty-seventh	238	226	6
Twenty-eighth	197	177	10
Twenty-ninth	170	162	3
Thirtieth	164	153	2
Thirty-first	134	139	
Thirty-two	171	167	
Thirty-third	80	72	
	2,200	2,082	27

REPRESENTATIVE IN CONGRESS—4th DISTRICT.

District—	J. Kahn.
Twenty-first	13
Twenty-eighth	40
Thirtieth	12
Thirty-first	25
	90

REPRESENTATIVE IN CONGRESS—5th DISTRICT.

District—	G. W. Root	J. I. Nolan	C. A. Preston
Twenty-second	1	14	
Twenty-third	5	30	
Twenty-fourth	7	47	
Twenty-fifth	11	39	
Twenty-sixth		45	
Twenty-seventh		35	
Twenty-ninth	13	51	1
	37	261	1

STATE SENATOR—19th DISTRICT

District—	N. Coghlan	M. Marks	L. Burnett
Thirty-first	9	5	11
	9	5	11

STATE SENATOR—21st DISTRICT.

District—	Fred C. Gerdes	James C. Nealon	J. Madden
Twenty-second	27	21	2
Twenty-fifth	78	51	
Twenty-sixth	100	84	
Twenty-seventh	15	19	
	220	175	2

STATE SENATOR—23rd DISTRICT.

District—	Walter A. McDonald
Twenty-first	127
Twenty-second	47
	174

DELEGATES TO STATE CONVENTION.

	20th District	24th District	
District—	F. McHugh	E. A. Nolan	C. J. Carlson
Twenty-fourth		3	6
Twenty-seventh	2		
Twenty-eighth	8		
Thirtieth	1		
	11	3	6

STATEMENT OF VOTES CAST FOR CANDIDATES FOR THE NOMINATION OF THE SOCIALIST PARTY AT PRIMARY ELECTION HELD AUGUST 29th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

UNITED STATES SENATOR.

District—	Total Socialist Vote Polled	Walter T. Mills	H. W. Johnson	W. H. Booth
Twenty-first	147	131	5	1
Twenty-second	72	68		
Twenty-third	177	166	5	
Twenty-fourth	119	97		
Twenty-fifth	102	95	1	
Twenty-sixth	115	106		
Twenty-seventh	72	65		
Twenty-eighth	83	69	4	2
Twenty-ninth	121	113	5	2
Thirtieth	127	102	12	2
Thirty-first	40	35		
Thirty-second	51	43		
Thirty-third	30	28		
	1,256	1,118	32	7

REPRESENTATIVE IN CONGRESS—4th DISTRICT

District—	A. K. Gifford
Twenty-first	130
Twenty-eighth	73
Thirtieth	113
Thirty-first	36
Thirty-second	45
Thirty-third	27
	424

REPRESENTATIVE IN CONGRESS—5th DISTRICT.

District—	C. A. Preston	J. I. Nolan	G. W. Root
Twenty-second	68		
Twenty-third	167	2	
Twenty-fourth	97		
Twenty-fifth	95	2	
Twenty-sixth	106		
Twenty-seventh	64	2	
Twenty-ninth	110	3	1
	707	9	1

STATE SENATOR

District—	21st District Fred Bergstrom	23rd District C. F. Loschenkohl
Twenty-first		132
Twenty-second	29	39
Twenty-fifth	76	
Twenty-seventh	9	
	114	171

DELEGATES TO STATE CONVENTION.

	20th District	22nd District		24th District
	B. R. Christenson	M. P. Christenson	H. F. Sahlender	A. Coontz
Twenty-fourth				1
Twenty-eighth	1			
Twenty-ninth		2	2	
	1	2	2	1

STATEMENT OF VOTES CAST FOR CANDIDATES FOR THE NOMINATION OF THE PROHIBITION PARTY AT PRIMARY ELECTION HELD AUGUST 29th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

UNITED STATES SENATOR.

District—	Total Prihibition Vote Polled	Marshall W. Atwood	H. W. Johnson	W. H. Booth
Twenty-first	11	9		
Twenty-second	4	3		
Twenty-third	14	14		
Twenty-fourth	7	4		
Twenty-fifth	15	12		
Twenty-sixth	27	39		
Twenty-seventh	3	1		
Twenty-eighth	19	16	1	2
Twenty-ninth	20	15	4	1
Thirtieth	9	9		
Thirty-first	10	10		
Thirty-second	....	....		
Thirty-third	3	3		
	162	135	5	3

REPRESENTATIVE IN CONGRESS—4th DISTRICT.

District—	Henry W. Hutchinson	J. Kahn
Twenty-first	9	
Twenty-eighth	17	1
Thirtieth	8	
Thirty-first	10	
Thirty-third	3	
	47	1

REPRESENTATIVE IN CONGRESS—5th DISTRICT.

District—	Frederick Head	G. W. Root	C. H. Randall
Twenty-second	3		
Twenty-third	14		
Twenty-fourth	5		
Twenty-fifth	15		
Twenty-sixth	46		
Twenty-seventh	1		
Twenty-ninth	15	2	2
	99	2	2

STATE SENATOR.

District—	19th District L. G. Burnett	23rd District W. A. McDonald
Twenty-second		1
Thirty-first	1	
	1	1

DELEGATES TO STATE CONVENTION—20th DISTRICT.

District—	F. McHugh	H. M. Owens
Twenty-eighth	1	1
	1	1

STATEMENT OF VOTES CAST FOR NON-PARTISAN CANDIDATES AT PRIMARY ELECTION HELD AUGUST 29th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

District—	Non-Partisan Vote	Judge Superior Court—Full Term							Judge Superior Court Short Term	
		George H. Cabaniss	James G. Conlan	Frank J. Murasky	B. V. Sargent	James M. Seawell	James Morris Troutt	J. J. Sullivan	Franklin A. Griffin	J. J. Sullivan
Twenty-first	193	3,657	2,378	3,299	1,589	2,524	2,385	274	3,492	
Twenty-second	126	2,444	1,973	2,401	997	1,685	1,604	150	2,377	26
Twenty-third	133	3,530	2,697	3,678	1,605	2,712	2,434	237	3,555	
Twenty-fourth	253	3,654	2,409	3,559	1,735	2,906	2,611	286	3,462	
Twenty-fifth	221	4,764	2,989	4,513	1,892	3,917	3,650	301	4,609	
Twenty-sixth	257	6,228	3,388	5,847	2,535	5,083	5,272	292	6,145	
Twenty-seventh	291	5,188	2,333	4,692	2,051	4,483	4,420	197	4,827	3
Twenty-eighth	313	5,989	2,917	5,672	2,262	5,306	5,267	326	5,617	21
Twenty-ninth	255	4,167	2,566	4,134	2,054	3,275	3,108	310	4,109	
Thirtieth	219	4,749	2,330	4,291	2,052	3,987	3,949	228	4,592	
Thirty-first	201	5,327	1,884	4,803	1,764	5,190	4,909	80	5,093	
Thirty-second	332	5,545	2,359	4,950	2,349	4,886	4,977	220	5,316	
Thirty-third	164	3,696	1,793	2,980	1,691	2,680	2,649	266	3,439	
	2,958	58,938	32,016	54,819	24,576	48,634	47,235	3,167	56,633	50

STATEMENT OF VOTES CAST FOR ELECTORS OF PRESIDENT AND VICE PRESIDENT—REPUBLICAN— AT GENERAL ELECTION HELD NOVEMBER 7th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

District—	Total Vote Polled	J. F. Carlston	John A. Britton	T. S. Montgomery	A. E. Boynton	Rud. J. Taussig	W. F. Chandler	J. C. Needham	Mary R. Coolidge	Joseph Scott	Willis H. Booth	Dr. Louise Harvey Clarke	A. J. Wallace	J. P. Baumgartner
Twenty-first	8,921	2,582	2,577	2,568	2,570	2,567	2,570	2,570	2,566	2,570	2,573	2,561	2,565	2,562
Twenty-second	5,828	1,791	1,790	1,790	1,791	1,790	1,783	1,781	1,783	1,785	1,788	1,776	1,779	1,774
Twenty-third	9,590	3,005	2,999	2,998	2,986	2,993	2,983	2,988	2,976	2,994	2,993	2,985	2,987	2,998
Twenty-fourth	10,737	3,435	3,451	3,439	3,436	3,427	3,425	3,423	3,415	3,425	3,423	3,418	3,420	3,418
Twenty-fifth	12,127	4,197	4,197	4,193	4,198	4,195	4,192	4,191	4,190	4,193	4,193	4,186	4,184	4,189
Twenty-sixth	16,873	6,686	6,690	6,683	6,688	6,683	6,676	6,676	6,660	6,693	6,675	6,656	6,669	6,674
Twenty-seventh	13,159	5,944	5,945	5,932	5,935	5,941	5,930	5,928	5,913	5,931	5,928	5,916	5,925	5,930
Twenty-eighth	15,330	7,183	7,205	7,190	7,195	7,207	7,192	7,186	7,173	7,196	7,187	7,179	7,184	7,185
Twenty-ninth	12,304	4,006	3,999	4,003	3,998	4,000	4,002	4,000	3,992	4,003	4,005	3,998	3,999	3,993
Thirtieth	12,681	5,063	5,058	5,052	5,056	5,063	5,048	5,051	5,046	5,053	5,057	5,044	5,040	5,046
Thirty-first	11,883	6,787	6,780	6,777	6,776	6,776	6,772	6,772	6,771	6,771	6,769	6,764	6,766	6,769
Thirty-second	17,182	8,171	8,192	8,169	8,171	8,172	8,176	8,162	8,153	8,160	8,167	8,153	8,152	8,157
Thirty-third	9,132	4,243	4,248	4,242	4,238	4,241	4,233	4,235	4,221	4,243	4,237	4,223	4,230	4,232
	155,747	63,093	63,131	63,036	63,038	63,055	62,982	62,963	62,859	63,007	62,995	62,859	62,900	62,927

STATEMENT OF VOTES CAST FOR ELECTORS OF PRESIDENT AND VICE PRESIDENT—DEMOCRATIC—AT GENERAL ELECTION HELD NOVEMBER 7th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA

District—	Edward L. Doheny	Francis J. Heney	L. F. Puter	Jo V. Snyder	I. C. Ackerman	Mrs. Virginia M. Spinks	Oscar Hocks	James F. Peck	Mrs. Mary Marshall Wiley	John F. Barry	Lorin . Handley	R. F. Del Valle	Mrs. Carrie L. Tyler
Twenty-first	4,957	4,957	4,950	4,948	4,941	4,934	4,943	4,940	4,937	4,950	4,941	4,939	4,932
Twenty-second	3,223	3,227	3,221	3,221	3,222	3,215	3,229	3,221	3,217	3,221	3,215	3,210	3,212
Twenty third	5,180	5,185	5,165	5,178	5,161	5,149	5,163	5,159	5,151	5,164	5,148	5,150	5,145
Twenty-fourth	6,191	6,210	6,179	6,185	6,181	6,175	6,174	6,172	6,173	6,186	6,165	6,171	6,153
Twenty-fifth	6,640	6,670	6,659	6,652	6,648	6,640	6,663	6,646	6,641	6,655	6,646	6,646	6,633
Twenty-sixth	8,786	8,794	8,782	8,781	8,788	8,773	8,784	8,765	8,780	8,785	8,773	8,775	8,762
Twenty-seventh	6,351	6,346	6,340	6,342	6,353	6,331	6,357	6,341	6,323	6,350	6,335	6,331	6,327
Twenty-eighth	7,163	7,174	7,157	7,154	7,172	7,140	7,165	7,157	7,136	7,163	7,154	7,155	7,124
Twenty-ninth	6,925	6,924	6,901	6,909	6,900	6,893	6,899	6,893	6,884	6,900	6,896	6,895	6,895
Thirtieth	6,237	6,240	6,228	6,224	6,236	6,226	6,241	6,224	6,215	6,227	6,222	6,222	6,204
Thirty-first	4,481	4,470	4,465	4,457	4,471	4,451	4,468	4,458	4,455	4,460	4,454	4,454	4,446
Thirty-second	8,037	8,054	8,029	8,037	8,038	8,023	8,046	8,026	8,018	8,037	8,026	8,026	8,006
Thirty-third	4,000	3,974	3,989	3,985	3,985	3,945	3,962	3,956	3,945	3,954	3,956	3,955	3,944
	78,171	78,225	78,065	78,073	78,096	77,895	78,094	77,958	77,875	78,052	77,931	77,929	77,783

STATEMENT OF VOTES CAST FOR ELECTORS OF PRESIDENT AND VICE PRESIDENT—SOCIALIST—AT GENERAL ELECTION HELD NOVEMBER 7th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA

District—	Scott Anderson	J. Bredsteen	M. P. Christensen	Millie Bloom Flagg	Arnold R. Holston	C. W. Kingsley	Ethel Lynn	W. Scott Lewis	Harry M. McKee	Noble A. Richardson	Ben F. Wilson	Geo. W. Woodbey	A. E. Briggs
Twenty-first	673	673	664	663	666	663	664	663	662	663	672	662	661
Twenty-second	332	331	328	329	325	327	329	324	324	325	334	323	323
Twenty-third	776	761	760	757	751	752	756	753	756	752	761	752	750
Twenty-fourth	581	582	582	578	576	573	574	573	571	574	578	569	569
Twenty-fifth	612	608	603	603	601	600	604	605	599	603	609	604	599
Twenty-sixth	588	577	579	576	576	577	578	578	574	577	586	574	575
Twenty-seventh	343	337	335	333	331	331	331	335	334	336	333	332	332
Twenty-eighth	414	415	412	407	407	403	406	406	406	405	405	403	403
Twenty-ninth	702	697	696	692	690	696	693	694	691	690	705	691	692
Thirtieth	626	608	606	603	603	604	601	602	602	601	606	597	599
Thirty-first	200	198	199	196	198	197	196	197	200	200	202	201	200
Thirty-second	277	270	277	269	262	262	263	263	261	263	265	256	262
Thirty-third	299	295	289	289	289	288	289	296	286	290	302	287	281
	6,423	6,352	6,330	6,295	6,275	6,273	6,284	6,289	6,266	6,279	6,358	6,251	6,246

STATEMENT OF VOTES CAST FOR ELECTORS OR PRESIDENT AND VICE PRESIDENT—PROHIBITION—AT GENERAL ELECTION HELD NOVEMBER 7th, 1916, IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA

District—	Annie E. K. Bidwell	Elam Biggs	Robert Rogers	Minnie Goldthwaite	Walter O. Woolever	Horace A. Johnson	Thomas K. Beard	Ada E. Ferris	A. K. Nash	C. C. Seleeman	C. S. Corkhill	Fred F. Wheeler	Wiley J. Phillips
Twenty-first	83	78	77	77	80	86	77	78	78	77	76	77	78
Twenty-second	97	93	90	91	91	102	91	88	89	88	90	88	90
Twenty-third	118	101	94	92	96	95	92	90	95	91	91	96	93
Twenty-fourth	84	85	70	68	68	73	64	67	68	65	65	66	65
Twenty-fifth	99	101	95	92	92	101	91	92	94	94	92	96	93
Twenty-sixth	238	229	226	227	226	237	225	221	229	225	224	225	228
Twenty seventh	134	112	114	112	111	114	111	111	112	111	111	111	112
Twenty-eighth	72	72	77	71	71	74	73	72	75	73	73	74	72
Twenty-ninth	101	98	101	97	96	103	95	93	94	96	92	94	92
Thirtieth	200	190	189	188	189	196	185	187	189	187	190	190	186
Thirty-first	54	55	54	56	54	55	54	55	54	54	54	54	54
Thirty-second	82	77	79	77	71	74	71	73	74	69	71	71	74
Thirty-third	42	41	44	41	39	47	41	43	41	41	40	41	41
	1,404	1,332	1,310	1,289	1,284	1,357	1,270	1,270	1,292	1,271	1,268	1,283	1,278

STATEMENT OF VOTES CAST FOR CANDIDATES AT THE GENERAL ELECTION HELD NOVEMBER 7th, 1916, CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

UNITED STATES SENATOR.

District—	Marshall W. Atwood	Hiram W. Johnson	Walter T. Mills	George S. Patton	Giles O. Pease
Twenty-first	94	5,534	754	1,723	2
Twenty-second	35	4,228	376	811	
Twenty-third	93	6,436	898	1,424	
Twenty-fourth	127	7,504	686	1,778	
Twenty-fifth	115	8,493	634	2,090	1
Twenty-sixth	170	11,907	643	3,403	3
Twenty-seventh	169	8,875	407	2,929	3
Twenty-eighth	155	10,105	455	3,536	3
Twenty-ninth	133	8,096	764	2,448	1
Thirtieth	112	8,085	720	3,024	
Thirty-first	99	7,867	277	2,786	2
Thirty-second	151	11,285	403	4,259	1
Thirty-third	45	6,159	299	1,775	1
	1,498	104,574	7,316	31,986	17

REPRESENTATIVE IN CONGRESS—4th DISTRICT.

District—	J. M. Fernald	A. K. Gifford	Henry W. Hutchinson	Julius Kahn	Scattering
Twenty-first	1,679	998	146	4,796	1
Twenty-eighth	1,968	668	210	11,080	4
Thirtieth	1,924	889	229	8,216	2
Thirty-first	1,317	322	95	9,375	
Thirty-second	2,605	573	219	12,062	9
Thirty-third	1,086	325	81	6,439	
	10,579	3,775	980	51,968	15

REPRESENTATIVE IN CONGRESS—5th DISTRICT.

District—	F. Head	John I. Nolan	Chas. A. Preston	Lillian Cohn	James J. Ryan	Geo. A. Tracy	Scattering
Twenty-second	156	4,404	534	1			
Twenty-third	318	6,702	1,201		1		
Twenty-fourth	570	7,738	1,094				
Twenty-fifth	590	9,115	903				
Twenty-sixth	957	1,911	1,138			2	
Twenty-seventh	950	9,556	772				5
Twenty-ninth	504	8,907	1,111				1
	4,046	59,333	6,708	1	1	2	6

STATEMENT OF VOTES—GENERAL ELECTION NOVEMBER 7th, 1916.

STATE SENATOR—18th DISTRICT.

District—	Victor J. Canepa	Frank N. Rogers	Scattering
Thirty-second	6,927	4,857	3
Thirty-third	4,309	2,165	
	11,236	7,022	3

STATE SENATOR—19th DISTRICT

District—	Lester G. Burnett	Andrew Einsfeld	Barry S. Ulrich
Thirtieth	367	173	106
Thirty-first	6,951	1,653	1,928
Thirty-second	1,576	415	347
Thirty-third	694	214	262
	9,588	2,455	2,643

STATE SENATOR—21st DISTRICT.

District—	F. Bergstrom	Fred C. Gerdes	James C. Nealon	Scattering
Twenty-second	248	968	1,331	
Twenty-fifth	558	3,733	4,322	1
Twenty-sixth	854	5,081	5,911	1
Twenty-seventh	52	446	452	
	1,712	10,228	12,016	2

STATE SENATOR—23rd DISTRICT.

District—	C. F. Loschenkohl	Walter A. McDonald	John P. Hare
Twenty-first	1,371	5,592	1
Twenty-second	423	2,060	
	1,794	7,652	1

STATEMENT OF VOTES—GENERAL ELECTION NOVEMBER 7th, 1917.

JUDGE OF THE SUPERIOR COURT—FULL TERM.

District—	George H. Cabaniss	James G. Conlan	Frank J. Murasky	B. V. Sargent	James M. Seawell	John J. Sullivan	James M. Trout	Scattering
Twenty-first	5,290	2,424	4,704	2,493	3,799	5,240	3,636	4
Twenty-second	5,281	1,910	3,470	1,588	2,599	3,549	2,472	
Twenty-third	5,524	2,737	5,897	2,616	4,445	5,769	3,991	3
Twenty-fourth	6,457	2,820	6,541	3,353	5,482	6,020	5,078	
Twenty-fifth	7,435	2,892	7,128	3,267	6,499	6,753	6,043	5
Twenty-sixth	11,052	3,306	10,859	4,745	9,740	7,704	9,805	2
Twentp-seventh	9,187	2,347	8,746	3,567	8,351	4,542	8,996	2
Twenty-eighth	11,081	2,800	10,133	3,554	9,615	5,509	9,918	1
Twenty-ninth	7,208	3,022	7,247	3,821	5,925	6,545	5,891	
Thirtieth	8,201	2,367	8,098	3,662	7,422	5,319	7,221	1
Thirty-first	8,613	1,654	8,303	3,180	8,648	3,034	8,469	
Thirty-second	11,863	2,517	10,510	4,768	11,993	5,955	11,400	2
Thirty-third	6,347	1,471	4,776	2,598	4,993	4,551	5,060	4
	101,539	32,267	96,412	43,212	89,511	70,490	87,980	24

JUDGE OF THE SUPERIOR COURT—SHORT TERM.

District—	Franklin A. Griffin	Scattering
Twenty-first	5,493	3
Twenty-second	3,855	
Twenty-third	6,248	6
Twentp-fourth	7,347	3
Twenty-fifth	8,296	3
Twenty-sixth	11,694	8
Twenty-seventh	9,585	3
Twenty-eighth	10,852	8
Twenty-ninth	8,127	5
Thirtieth	8,561	4
Thirty-first	8,434	1
Thirty-second	12,066	15
Thirty-third	5,979	3
	106,537	62

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

GENERAL ELECTION, NOVEMBER 7th, 1916.

1.—PROHIBITION. Initiative measure adding Article XXIV to Constitution. Defines alcoholic liquor. After January 1, 1920, prohibits the manufacture, sale or possession of same, except for medicinal, sacramental, scientific and mechanical purposes under prescriptions prescribed by law. Prescribes and authorizes penalities. Declares payment of Internal Revenue Tax prima facie evidence of violation. Declares this amendment shall not effect prohibitory liquor laws, or ordinances, enacted before such date, or be construed as in conflict with Article XXIV-A of Constitution if later article is adopted, and that this amendment supersedes that article on that date.

Assembly District—	Yes	No
Twenty-one	2,020	6,377
Twenty-second	957	4,619
Twenty-third	1,917	7,292
Twenty-fourth	2,336	8,011
Twenty-fifth	2,377	9,329
Twenty-sixth	3,881	12,388
Twenty-seventh	3,227	9,392
Twenty-eighth	3,241	11,528
Twenty-ninth	2,441	9,370
Thirtieth	2,679	9,423
Thirty-first	2,313	9,117
Thirty-second	3,717	12,886
Thirty-third	1,070	7,656
Total	32,176	117,388

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

2.—INITIATIVE AMENDMENT adding Ariticle XXIV-A to Constitution. Defines alcoholic liquor; after January 1, 1918, prohibits its possession, gift or sale in saloon, dramshop, dive, store, hotel, restaurant, club, dancehall or other place of public resort; prohibits sale, accepting or soliciting orders anywhere, except in pharmacies for certain purposes and by manufacture on premises where manufactured, under delivery and quantity restrictions. Owner or manager of all such places to prevent drinking therein. Restricts transportation. Payment Internal Revenue Tax prima facie evidence of violation. Prescribes and authorizes penalties. Neither repeals nor limits state or local prohibition, or Article XXIV of Constitution.

Assembly District—	Yes	No
Twenty-first	2,130	6,258
Twenty-second	1,037	4,533
Twenty-third	2,066	7,097
Twenty-fourth	2,569	7,763
Twenty-fifth	2,665	8,990
Twenty-sixth	4,342	11,825
Twenty-seventh	3,711	8,828
Twenty-eighth	3,732	11,014
Twenty-ninth	2,721	9,005
Thirtieth	2,955	9,138
Thirty-first	2,672	8,650
Thirty-second	4,177	12,363
Thirty-third	1,229	7,508
Total	36,006	112,972

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

3.—FOR THE STATE HIGHWAY ACT OF 1915. This act provides for the issuance and sale of state bonds in the sum of $15,000,000 for the construction of the uncompleted portions of the system of state highways prescribed by the State Highway Act of 1909 and extensions thereof; and prescribes such extensions, and character of construction of same.

AGAINST THE STATE HIGHWAY ACT OF 1915.

Assembly District—	For	Against
Twenty-first	4,351	965
Twenty-second	2,850	819
Twenty-third	4,814	1,501
Twenty-fourth	5,911	1,555
Twenty-fifth	6,823	1,312
Twenty-sixth	10,500	1,827
Twenty-seventh	8,509	1,422
Twenty-eighth	10,194	1,614
Twenty-ninth	6,864	1,238
Thirtieth	7,599	1,248
Thirty-first	8,509	1,082
Thirty-second	11,790	1,256
Thirty-third	4,991	808
	93,705	16,647

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

4.—DIRECT PRIMARY LAW. Submitted to electors by referendum. Amends provisions of Direct Primary Law of 1913 governing nominations at primary elections so as to permit declaration of party affiliation by electors at polls instead of when registering, prescribes official ballot containing names of all candidates; electors declaring at polls affiliation with party to vote for candidates of that party only and for present non-partisan offices only; requires election officer, before delivering ballot to elector, to cancel such portion thereof as elector is not entitled to vote.

Assembly District—	Yes	No
Twenty-first	2,960	2,930
Twenty-second	1,610	2,369
Twenty-third	2,936	4,008
Twenty-fourth	3,509	4,327
Twenty-fifth	3,495	4,930
Twenty-sixth	5,477	7,096
Twenty-seventh	4,385	5,593
Twenty-eighth	5,123	6,752
Twenty-ninth	3,697	4,857
Thirtieth	3,985	4,978
Thirty-first	3,495	5,957
Thirty-second	5,521	7,153
Thirty-third	2,470	3,768
Total	48,663	64,718

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

5.—LAND TAXATION. Initiative measure effective January 1st, 1917, amending Article XIII of Constitution. Declares all public revenues shall be raised by taxation of land values, exclusive of improvements; forbids tax or charge for revenue on labor product, occupation, business or person; permits assessment of incomes, inheritances for old age pensions, mother's endowments and workingmen's disemployment and disability insurance. Declares land shall be equally assessed according to its value for use or occupancy, disregarding man's work thereon, such value determinable in municipalities and wherever else practicable by "Somers System" or other means of exact computation from central locations.

Assembly District—	Yes	No
Twenty-first	3,780	2,737
Twenty-second	2,478	2,103
Twenty-third	4,416	3,386
Twenty-fourth	4,565	4,167
Twenty-fifth	4,632	5,047
Twenty-sixth	5,799	8,131
Twenty-seventh	3,711	7,254
Twenty-eighth	4,039	9,019
Twenty-ninth	4,819	4,692
Thirtieth	4,304	5,653
Thirty-first	2,221	7,821
Thirty-second	4,356	9,395
Thirty-third	2,319	4,396
Total	51,439	73,801

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

6.—INELIGIBILITY TO OFFICE. Initiative measure amending Section 19 of Article IV of Constitution. Declares that no Senator or Member of Assembly shall, during the term for which he shall have been elected, hold or accept any office, trust, or employment under this State; provided that this provision shall not apply to any office filled by election by the people.

Assembly District—	Yes	No
Twenty-first	3,443	2,198
Twenty-second	2,039	1,844
Twenty-third	3,875	2,892
Twenty-fourth	4,444	3,091
Twenty-fifth	4,964	3,365
Twenty-sixth	7,964	4,402
Twenty-seventh	6,721	3,135
Twenty-eighth	7,909	3,722
Twenty-ninth	5,130	3,195
Thirtieth	5,857	2,935
Thirty-first	6,705	2,566
Thirty-second	8,931	3,409
Thirty-third	3,605	2,370
Total	71,587	39,124

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

7.—FOR THE AMENDMENT TO THE STATE HIGHWAY ACT. Amends Section 8 of State Highway Act of 1909 by providing that whenever state engineering department determines that construction cost of state highway in county entails unjust burden on such county in defunding to state entire bond interest on bond proceeds spent therefor, such county shall be required to refund only such portion thereof as such department adjudges reasonable. Amendment effective December 31, 1916.

AGAINST THE AMENDMENT TO THE STATE HIGHWAY ACT.

Assembly District—	For	Against
Twenty-first	3,820	1,062
Twenty-second	2,399	985
Twenty-third	4,349	1,657
Twenty-fourth	5,024	1,774
Twenty-fifth	5,802	1,624
Twenty-sixth	9,116	2,271
Twenty-seventh	7,553	1,728
Twenty-eighth	8,854	1,992
Twenty-ninth	5,868	1,568
Thirtieth	6,365	1,522
Thirty-first	7,482	1,362
Thirty-second	10,330	1,557
Thirty-third	4,116	1,234
Total	81,078	20,336

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

8.—AN ORDINANCE PROHIBITING LOITERING, PICKETING, carrying or displaying banners, badges, signs or transparencies, or speaking in public streets, sidewalks, alleys or other public places in a loud or unusual tone, for certain purposes therein named, and providing a penalty for any violation thereof.

Assembly District—	Yes	No
Twenty-first	2,632	5,214
Twenty-second	1,513	3,625
Twenty-third	2,318	6,385
Twenty-fourth	3,236	6,580
Twenty-fifth	4,340	6,678
Twenty-sixth	7,688	7,934
Twenty-seventh	7,840	4,314
Twenty-eighth	9,266	4,940
Twenty-ninth	4,314	6,923
Thirtieth	6,270	5,351
Thirty-first	8,418	2,666
Thirty-second	11,405	4,530
Thirty-third	4,788	3,159
Total	74,028	68,299

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

9.—AN ORDINANCE PROHIBITING PUBLIC SPEAKING upon the Streets and Sidewalks and Public Parks of the City and County of San Francisco, and providing a penalty for any violation thereof.

Assembly District—	Yes	No
Twenty-first	2,288	5,074
Twenty-second	1,361	3,407
Twenty-third	2,058	6,133
Twenty-fourth	2,933	6,364
Twenty-fifth	6,855	6,452
Twenty-sixth	6,922	7,853
Twenty-seventh	7,063	4,548
Twenty-eighth	8,263	5,244
Twenty-ninth	3,867	6,651
Thirtieth	5,517	5,370
Thirty-first	7,250	8,325
Thirty-second	9,902	5,132
Thirty-third	4,167	3,202
Total	65,446	68,755

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

10.—AN ORDINANCE amending Section 19b of Ordinance No. 3212 (New Series) regulating the use of streets and providing that "jitney buses" may operate on all streets of the City and County of San Francisco and at all times, subject to such legal traffic regulations as apply to all other vehicular traffic, providing that "jitney buses" shall run to the end of their respective routes, but authorizing certain deviations therefrom.

Assembly District—	Yes	No
Twenty-first	4,169	3,445
Twenty-second	2,795	2,270
Twenty-third	5,438	3,176
Twenty-fourth	5,547	4,173
Twenty-fifth	6,447	4,483
Twenty-sixth	7,306	7,949
Twenty-seventh	3,842	8,142
Twenty-eighth	3,716	10,205
Twenty-ninth	6,363	4,670
Thirtieth	4,813	6,496
Thirty-first	2,366	8,505
Thirty-second	4,056	11,330
Thirty-third	2,715	5,022
Total	59,573	79,866

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

11.—AMENDING Section 1, Chapter 11, Article V. (Provides for creation of proposition of City and County Attorney in place of City Attorney, with a salary of $10,000 per year, and appointed by Mayor until January 8, 1922.)

Assembly District—	Yes	No
Twenty-first	1,318	5,233
Twenty-second	688	3,820
Twenty-third	1,125	6,594
Twenty-fourth	1,604	7,230
Twenty-fifth	1,834	7,810
Twenty-sixth	3,167	10,923
Twenty-seventh	3,119	8,019
Twenty-eighth	3,780	9,347
Twenty-ninth	1,989	7,742
Thirtieth	2,605	7,537
Thirty-first	3,755	6,679
Thirty-second	5,211	8,732
Thirty-third	1,705	4,902
Toltal	31,900	94,567

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

12.—Amending Chapter 11, Article XI and Sections 5, 7 and 8, Chapter V, Article XI. (Provides for election of Municipal Officers at one election instead of two, as at present. Reduces cost of municipal election $68,000; requires ballots to be counted at City Hall instead of in voting booths).

Assembly District—	Yes	No
Twenty-first	3,537	2,647
Twenty-second	2,193	2,103
Twenty-third	3,725	3,670
Twenty-fourth	4,569	3,830
Twenty-fifth	4,917	4,197
Twenty-sixth	8,166	5,047
Twenty-seventh	7,268	3,359
Twenty-eighth	8,798	3,925
Twenty-ninth	4,970	4,041
Thirtieth	6,089	3,535
Thirty-first	7,411	2,629
Thirty-second	9,864	3,438
Thirty-third	3,883	2,455
Total	75,390	44,876

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

13.—AMENDING Section 1, Chapter VIII, Article V, and repealing Sections 9, 13, 14, 15 and 17, Chapter VIII, Article V. (Initiative. Provides for appointment of Police Judges by Mayor, six-year term and night sessions of Police Court.

Assembly District—	Yes	No
Twenty-first	1,427	5,301
Twenty-second	811	3,763
Twenty-third	1,224	6,594
Twenty-fourth	1,901	6,940
Twenty-fifth	2,292	7,416
Twenty-sixth	4,308	9,732
Twenty-seventh	4,365	6,765
Twenty-eighth	5,280	7,764
Twenty-ninth	2,238	7,471
Thirtieth	3,542	6,589
Thirty-first	5,549	4,632
Thirty-second	6,832	7,096
Thirty-third	2,484	4,150
Total	42,253	84,213

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

14—AMENDING subdivision (g) of Section 1, of Amendment No. 13. (Alternative amendment. Provides for salary of Police Judges of $400 per month instead of $300 as at present.

Assembly District—	Yes	No
Twenty-first	1,068	5,387
Twenty-second	471	4,013
Twenty-third	661	7,085
Twenty-fourth	967	7,802
Twenty-fifth	1,286	8,311
Twenty-sixth	2,441	11,502
Twenty-seventh	2,338	8,623
Twenty-eighth	3,286	9,708
Twenty-ninth	1,485	8,105
Thirtieth	2,063	7,950
Thirty-first	3,828	6,340
Thirty-second	4,591	9,147
Thirty-third	1,725	4,937
Total	26,210	98,910

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

15.—ADDING a new section (18) to Chapter 1, Article III. (Provides that when a tax levy made prior to the adoption of this amendment has been declared illegal by the Supreme Court, all of the tax shall be refunded to property owners, irrespective of whether protest has or has not been made. A special tax to refund the amount necessary shall be levied.)

Assembly District—	Yes	No
Twenty-first	2,865	2,616
Twenty-second	1,868	2,037
Twenty-third	3,249	3,502
Twenty-fourth	3,722	4,052
Twenty-fifth	4,130	4,125
Twenty-sixth	5,870	6,438
Twenty-seventh	4,134	5,908
Twenty-eighth	4,566	7,360
Twenty-ninth	4,169	4,048
Thirtieth	4,267	4,470
Thirty-first	3,596	6,026
Thirty-second	5,409	7,089
Thirty-third	2,473	3,427
Total	50,318	61,098

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

16.—AMENDING Section 1, Chapter III, Article II. (Provides that all contracts or sub-contracts for municipal work in State of California shall require eight-hour day and $3.00 minimum wage, and prefer employment of San Francisco workers.)

Assembly District—	Yes	No
Twenty-first	5,492	1,222
Twenty-second	3,713	932
Twenty-third	6,468	1,414
Twenty-fourth	7,060	1,925
Twenty-fifth	7,286	2,317
Twenty-sixth	9,499	4,345
Twenty-seventh	6,386	4,596
Twenty-eighth	7,219	5,685
Twenty-ninth	7,501	2,181
Thirtieth	6,869	3,167
Thirty-first	4,213	5,930
Thirty-second	7,366	6,286
Thirty-third	3,778	2,845
Total	82,851	42,845

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

17.—ADDING a new subdivision (43) to Section 1, Chapter II, Article II. (Gives Board of Supervisors power to accept gift of public acquarium, and appropriate yearly not less than $20,000 for maintenance thereof.)

Assembly District—	Yes	No
Twenty-first	3,852	2,302
Twenty-second	2,024	2,152
Twenty-third	3,574	3,707
Twenty-fourth	4,175	4,127
Twenty-fifth	5,199	3,901
Twenty-sixth	8,237	5,282
Twenty-seventh	7,264	3,665
Twenty-eighth	8,467	4,444
Twenty-ninth	5,598	3,598
Thirtieth	6,424	3,261
Thirty-first	7,504	2,723
Thirty-second	10,099	3,545
Thirty-third	4,011	2,446
Total	76,428	45,153

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

18.—AMENDING Section 5, Chapter VII, Article XI. (Gives Board of Fire Commissioners additional control of the Firemen's Relief Fund.)

Assembly District—	Yes	No
Twenty-first	2,761	3,035
Twenty-second	1,706	2,448
Twenty-third	2,709	4,306
Twenty-fourth	3,344	4,689
Twenty-fifth	3,844	4,797
Twenty-sixth	6,645	6,160
Twenty-seventh	6,200	3,969
Twenty-eighth	7,406	4,838
Twenty-ninth	4,167	4,474
Thirtieth	5,157	3,870
Thirty-first	6,771	3,045
Thirty-second	8,810	4,054
Thirty-third	3,502	2,805
Total	63,022	52,490

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

19.—AMENDING Section 4, Chapter X, Article VIII. (Gives Board of Police Commissioners additional control of Police Relief and Pension Fund.)

Assembly District—	Yes	No
Twenty-first	2,572	3,127
Twenty-second	1,589	2,497
Twenty-third	2,487	4,416
Twenty-fourth	3,196	4,681
Twenty-fifth	3,692	4,859
Twenty-sixth	6,401	6,246
Twenty-seventh	6,084	4,006
Twenty-eighth	7,199	4,859
Twenty-ninth	3,880	4,616
Thirtieth	4,901	3,983
Thirty-first	6,511	3,119
Thirty-second	8,544	4,131
Thirty-third	3,243	2,974
Total	60,299	53,514

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

20.—AMENDING Sections 11 and 13, Chapter X, Article VIII. (Provides that a tax shall be levied and collected to pay all demands upon the Police Relief and Pension Fund.)

Assembly District—	Yes	No
Twenty-first	1,657	3,982
Twenty-second	889	3,180
Twenty-third	1,337	5,547
Thirty-fourth	1,832	6,032
Twenty-fifth	2,163	6,263
Twenty-sixth	3,629	8,948
Twenty-seventh	3,594	6,389
Twenty-eighth	4,462	7,544
Twenty-ninth	2,400	5,884
Thirtieth	2,965	5,832
Thirty-first	4,155	5,374
Thirty-second	5,502	6,892
Thirty-third	2,040	4,026
Total	36,625	75,893

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

21.—AMENDING Section 1, Chapter III, Article IV. (Increasing salary of Treasurer from $4000 to $8000 per year and Bookkeeper from $2100 to $2400 per year.)

Assembly District—	Yes	No
Twenty-first	975	5,664
Twenty-second	389	4,184
Twenty-third	513	7,316
Twenty-fourth	701	8,202
Twenty-fifth	969	8,694
Twenty-sixth	1,363	12,697
Twenty-seventh	1,171	9,881
Twenty-eighth	1,229	11,820
Twenty-ninth	1,119	8,519
Thirtieth	1,216	8,817
Thirty-first	1,032	9,231
Thirty-second	2,045	11,627
Thirty-third	850	5,835
Total	13,572	112,487

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

22.—ADDING a new section (19) to Chapter I, Article III. (Authorizes the Board of Supervisors to submit to the voters an Ordinance providing for a special tax for purchase of land or acquisition of improvements, and may extend over a number of years, not exceeding ten. A majority vote adopts the Ordinance.)

Assembly District—	Yes	No
Twenty-first	2,171	3,334
Twenty-second	1,172	2,827
Twenty-third	1,964	4,868
Twenty-fourth	2,369	5,468
Twenty-fifth	2,538	5,766
Twenty-sixth	3,673	8,640
Twenty-seventh	2,872	7,006
Twenty-eighth	3,026	8,801
Twenty-ninth	2,827	5,310
Thirtieth	2,894	5,694
Thirty-first	2,160	7,248
Thirty-second	4,109	8,237
Thirty-third	1,582	4,359
Total	33,357	77,558

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

23.—ADDING a new section (11) to Chapter II, Article II. (Provides that certain school lots, situated west of Arguello Boulevard and reserved under the provisions of the Van Ness Ordinance, may be sold, the proceeds to be exclusively used to purchase additions to new sites or additions to existing sites for school purposes. The lots to be sold only when the Board of Education determines that they are inadequate or unsuited for school purposes.)

Assembly District—	Yes	No
Twenty-first	3,703	2,142
Twenty-second	2,324	1,834
Twenty-third	4,139	3,250
Twenty-fourth	5,006	3,205
Twenty-fifth	5,191	3,755
Twenty-sixth	8,262	4,970
Twenty-seventh	7,674	2,905
Twenty-eighth	9,094	3,544
Twenty-ninth	5,563	3,209
Thirtieth	6,529	2,813
Thirty-first	7,656	2,312
Thirty-second	10,273	2,791
Thirty-third	4,082	2,098
Total	79,496	38,828

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

24—AMENDING Sections 2, 3 and 5, Chapter III, and Sections 2 and 3, Chapter V, Article XI. (Provides for safeguarding petitions for initiative, referendum and recall elections from fraud and forgery and to reduce the expense in verifying such petitions, and of such elections.)

Assembly District—	Yes	No
Twenty-first	3,854	1,777
Twenty-second	2,423	1,505
Twenty-third	4,143	2,790
Twenty-fourth	5,178	2,601
Twenty-fifth	5,515	2,856
Twenty-sixth	9,226	3,348
Twenty-seventh	8,028	2,130
Twenty-eighth	9,461	2,551
Twenty-ninth	5,743	2,590
Thirtieth	6,773	2,210
Thirty-first	7,914	1,655
Thirty-second	10,503	2,083
Thirty-third	4,292	1,744
Total	83,053	29,840

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

25.—ADDING a new section (7) to Chapter III, Article II. (Provides for bonds of contractors for contracts awarded for municipal and street work to protect persons furnishing materials, labor, etc., for such work.)

Assembly District—	Yes	No
Twenty-first	4,816	1,148
Twenty-second	3,215	993
Twenty-third	5,659	1,686
Twenty-fourth	6,401	1,805
Twenty-fifth	6,865	1,921
Twenty-sixth	10,463	2,463
Twenty-seventh	8,606	1,814
Twenty-eighth	10,160	2,071
Twenty-ninth	6,986	1,828
Thirtieth	7,643	1,556
Thirty-first	8,270	1,530
Thirty-second	11,021	1,772
Thirty-third	4,513	1,678
Total	94,618	22,265

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

26.—ADDING a new section (17) to Capter VI, Article VI. (Granting power to provide by ordinance a procedure for changes of street grades and street work in connection therewith, and providing for installment payments for assessments.)

Assembly District—	Yes	No
Twenty-first	3,224	2,199
Twenty-second	2,110	1,850
Twenty-third	3,833	3,072
Twenty-fourth	4,358	3,336
Twenty-fifth	4,487	3,522
Twenty-sixth	6,971	5,119
Twenty-seventh	6,251	3,526
Twenty-eighth	7,500	4,199
Twenty-ninth	4,689	3,270
Thirtieth	5,216	3,227
Thirty-first	6,238	3,085
Thirty-second	8,385	3,626
Thirty-third	3,294	2,597
Total	66,556	42,628

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

27.—AMENDING Section 33, Chapter II, Article VI. (Provides additional power to provide by ordinance for street work and procedure therefor, and for limitation for amount of installment payments of assessment.)

Assembly District—	Yes	No
Twenty-first	2,997	2,112
Twenty-second	2,010	1,774
Twenty-third	3,656	2,931
Twenty-fourth	4,157	3,204
Twenty-fifth	4,116	3,565
Twenty-sixth	6,636	5,036
Twenty-seventh	5,750	3,592
Twenty-eighth	7,053	4,220
Twenty-ninth	4,209	3,355
Thirtieth	4,839	3,291
Thirty-first	5,925	3,132
Thirty-second	8,033	3,714
Thirty-third	3,022	2,608
Total	62,403	42,534

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

28—AMENDING Section 2, Chapter III, Article IV. (Provides for written consent of Auditor and Chairman of Finance Committee of the Board of Supervisors, in addition to that of Mayor, be required to select depository of public money.)

Assembly District—	Yes	No
Twenty-first	3,438	2,044
Twenty-second	2,112	1,726
Twenty-third	3,794	2,778
Twenty-fourth	4,656	2,968
Twenty-fifth	4,813	3,265
Twenty-sixth	7,322	4,934
Twenty-seventh	5,571	4,284
Twenty-eighth	5,978	5,674
Twenty-ninth	4,947	3,105
Thirtieth	5,180	3,411
Thirty-first	4,392	5,053
Thirty-second	6,843	5,409
Thirty-third	2,797	3,097
Total	61,843	47,748

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

29.—AMENDING Section II, Article XIII. (Extends the civil service to include all departments and offices, with exceptions specified therein, not now embraced therein; confirms without examination all employes under civil service who have been in the employ of the City and County for more than one year, and makes probationary civil service employes of those who have served more than six months and less than one year.)

Assembly District—	Yes	No
Twenty-first	2,641	3,388
Twenty-second	1,638	2,765
Twenty-third	2,817	4,467
Twenty-fourth	3,138	5,315
Twenty-fifth	3,473	5,668
Twenty-sixth	5,031	8,380
Twenty-seventh	3,835	6,779
Twenty-eighth	4,137	8,270
Twenty-ninth	3,681	5,364
Thirtieth	3,810	5,600
Thirty-first	3,031	6,868
Thirty-second	5,089	7,930
Thirty-third	2,205	4,095
Total	44,526	74,889

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

30.—ADDING a new Article (IV-A) to the Charter. (Provides for the creation of department of Weights and Measures, following the State law, and places department under civil service.)

Assembly District—	Yes	No
Twenty-first	4,215	1,954
Twenty-second	2,541	1,765
Twenty-third	4,713	2,739
Twenty-fourth	5,460	3,108
Twenty-fifth	5,860	3,398
Twenty-sixth	8,897	4,627
Twenty-seventh	7,385	3,312
Twenty-eighth	8,561	4,003
Twenty-ninth	6,038	3,351
Thirtieth	6,784	2,832
Thirty-first	7,184	2,781
Thirty-second	10,030	3,242
Thirty-third	4,225	2,194
Total	81,893	39,306

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

31.—AMENDING Section 1 of Chapter VII, Article V, and repealing sections 9, 13, 14, 15 and 17, Chapter VIII, Article V. (Provides for election of Police Judges, six-year term and night session of court at discretion of Mayor.)

Assembly District—	Yes	No
Twenty-first	2,474	3,931
Twenty-second	1,408	2,988
Twenty-third	2,412	5,217
Twenty-fourth	2,778	5,717
Twenty-fifth	3,097	6,203
Twenty-sixth	4,431	9,278
Twenty-seventh	3,335	7,437
Twenty-eighth	3,714	9,040
Twenty-ninth	3,378	6,018
Thirtieth	3,448	6,270
Thirty-first	2,438	7,659
Thirty-second	4,500	9,014
Thirty-third	2,280	4,386
Total	39,693	83,158

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

32.—ADDING a new section (18) to Chapter VIII, Article V. (Providing for increase of salary of Police Judges from $300 to $400 per month.)

Assembly District—	Yes	No
Twenty-first	1,262	5,460
Twenty-second	546	4,108
Twenty-third	790	7,241
Twenty-fourth	1,009	8,083
Twenty-fifth	1,283	8,465
Twenty-sixth	1,754	12,525
Twenty-seventh	1,414	9,839
Twenty-eighth	1,628	11,586
Twenty-ninth	1,476	8,382
Thirtieth	1,624	8,692
Thirty-first	1,267	9,128
Thirty-second	2,423	11,663
Thirty-third	1,245	5,687
Total	17,721	110,859

CONSTITUTIONAL AND CHARTER AMENDMENTS, PROPOSITIONS AND ORDINANCES.

33.—ADDING a new section (11) to Chapter I, Article IX. (Provides for two-platoon system in the Fire Department, whereby firemen shall be on duty not to exceed fourteen consecutive hours.)

Assembly District—	Yes	No
Twenty-first	5,746	2,486
Twenty-second	3,568	2,024
Twenty-third	5,674	3,492
Twenty-fourth	6,132	4,197
Twenty-fifth	7,322	4,360
Twenty-sixth	8,727	7,387
Twenty-seventh	5,638	6,870
Twenty-eighth	6,220	8,501
Twenty-ninth	7,709	4,023
Thirtieth	6,998	4,868
Thirty-first	3,942	7,295
Thirty-second	8,015	8,085
Thirty-third	4,328	4,087
Total	80,019	67,675

Report of Widows' Pension Bureau

San Francisco, July 1, 1916—June 30, 1917.

July 1, 1917.

Hon. James Rolph, Jr.,
Mayor City and County of San Francisco.

Dear Sir: In compliance with Article XVI, Section 9 of the Charter of the City and County of San Francisco, I have the honor to submit herewith the report of the Widows' Pension Bureau for the year ending June 30th, 1917.

There are at the present writing, 414 widowed mothers on the payroll of the City and County of San Francisco and of the State of California, for services rendered to the community in the proper upbringing of their half orphan children. Without the Widows' Pension, these 414 homes could not be conserved and as each home represents an average of three children under fourteen years of age, there would be approximately 1275 children in the City and County of San Francisco deprived of a mother's care for no other reason than insufficiency of income to keep the home together. During the last fiscal year 76 families have come off of the Widows' Pension list, principally because the wage-earning capacity of the older children have made these homes self-supporting. This is strong testimony to the fact that pensions to widowed mothers for the care of their half orphan children do not pauperize and that just because the pension is considered a salary and not a charity dole, the integrity and self-respect of the family is maintained.

The cost to the City and County and to the State for the care of half orphan children with their widowed mothers during the fiscal year 1916-1917 has been: State, $68,989.99; County, $48,063.69; total, $117,053.68. The cost in administration of the Widows' Pension Bureau during the same period has been $5,780, approximately 5% of the actual amount administered in Pension salaries.

Respectfully submitted,

MARGARET C. NESFIELD,
Director Widows' Pension Bureau.

Map of San Francisco
I. L. Goudey.

Distribution of Families in Receipt of Pensions, December, 1917.—Boundaries of Assembly Districts - - - - -

SUGGESTED LEGISLATION PROVIDING FOR DEPENDENT CHILDREN OF THE STATE OF CALIFORNIA.

It is hereby declared to be the policy of the State of California to provide for the maintenance, health, education and morals of the dependent children of the State.

For the purpose of carrying out this policy, it shall be the duty of the State of California to make provision for the adequate maintenance, health, education and morals of all dependent children under the age of sixteen years, who are in need, and whose parents have had residence in this State for two years immediately preceding the time of application.

By dependent children is meant all needy orphans, half orphans, abandoned or neglected children, or children whose parents are unable through illness to provide a proper home.

Need and Adequate Maintenance may be defined from time to time by the Children's Bureau, through conferences with the Department of Economics of the University of California and the State Labor Commission or such body as may be desired by said Children's Bureau.

A fund for carrying out the provisions of this Act shall be created by a tax of five mills on the dollar of all taxable property in the State.

The administration of this Act shall be carried out through a Children's Bureau representing the State of California, and through agents of the various boards of Supervisors representing the different Counties throughout the State.

CONSERVATION OF CHILD LIFE A VITAL FUNCTION OF GOVERNMENT.

"Economy is in the air. We are told to economize in our expenditure and food stuffs. I suggest that we should economize in the human capital of the country—our most precious possession, which we have too long neglected."—*Herbert Fisher.* (Extract from speech asking the House of Commons to grant for the Education Budget of 1917-1918, a sum greater by £3,828,048 (approximately $19,000,000) than for 1916-1917, delivered before the House of Commons, April 19, 1917.)

The same note has been struck repeatedly by Lord Reading, both in England and in this country while negotiating for money loans to the British Government in emphasizing the fact that the wealth of a country is two-fold, its material resources and its man power.

The United States in the very first year of the war is keenly conscious of the vital importance of the conservation and protection of the growing citizenship of the country, and we have the Children's Bureau at Washington issuing a pamphlet on the increasing necessity of maintaining standards of child welfare during war time and urging that the protection of children and their mothers, the first essential in this season of stress when there is so much wastage of human life on the battle field, demands local provision for adequate care. Federal protection not being available, the full burden must rest with each State and local community.

Perhaps, one of the great elements for the future good of humanity arising out of this world chaos that we are going through, is that all the nations are being startled into a recognition of the fact that the welfare of every country depends upon the young life in it, and that there cannot be too much emphasis laid upon the care and protection of the children who are to form the democracy of the next generation.

A member of the Council of Defense of one of our local communities recently expressed the thought that. just as the protection of the country by armed force, by the getting together and the training of men and by the accumulation of munitions and supplies is vital to the nation, when its liberty is endangered, so, at such a time particularly, is it equally vital to conserve the home through the assurance by the State to the individual that the little children of families where the bread-winner has been taken away will be given the fullest opportunity for development into good citizenship. It is important for the Government to take active steps in conserving the food supplies and the material wealth of the country in the great struggle for democracy that we are now entering into. It is vastly more important for it to take recognition of the fact that every child must be provided with those things that are essential to its moral and physical growth if the nation of the future is to be worthy of the sacrifice of the present. Every father who takes out a life insurance for his family has the thought of assuring to his children care and protection during their dependency, so that they may grow up into worthy manhood and womanhood. The large insurance corporations paying out as they must more than half of the moneys collected in salaries and overhead expense, can offer no protection to the policy that is ultimately paid the widowed mother, from speculators and unscrupulous persons. Advantage is taken of the grief and demoralization in the home to prey upon the sum it has taken a life time to accumulate, and there is often little left of even a generous life insurance, after the first year. The Government has a vital interest in seeing that the children of the commonwealth are cared for until they become wage-earners, and that they are provided with sufficient food and with equality of opportunity for fitting themselves to take their places in the work of the world. A Widows' Pension that will guarantee these things, affords greater protection to the home than could any private insurance company.

PRESENT SOCIAL INSURANCE SCHEMES NOT DEMOCRATIC.

It may be contended that this thought runs parallel to the present agitation on Social Insurance. Any scheme of Social Insurance that takes in the whole community and is not based on class legislation will meet the needs of the widowed mother and dependent children, just as it can be made to include the needs of all other dependent members of the community. However, the plans of Social Insurance that are at present most generally discussed, are not based upon the democratic idea of the obligation of the individual to the community, but rather on a plan of relieving those not in need from the necessity of providing for their less fortunate brothers,—placing the burden of the whole of society upon the part that is least able to bear it. The Social Insurance schemes that are most favorably advocated in this country are patterned on plans that have worked out more or less successfully under the German form of government where the feudal idea that the State has both the authority over and responsibility for the less fortunate members of the community, still prevails. The Fund is created by coercion. It imposes on small wage earners a tax, even though their earnings be insufficient to meet their daily needs, and this Fund is expended, with whatever addition is made by the State and the employer, for the maintenance of the widow and her children. Any class legislation of this kind, apart from the injustice of it, tends to destroy the initiative and self-respect of the unfortunates who come under this administration. In its ultimate analysis, Social Insurance as proposed is based upon the creation of a Fund raised by taxation of individuals earning anything under $125 a month. The responsibility of caring for the dependent members of the community at large, should rest with the community at large, as the community at large is responsible for the inequality of social conditions creating dependency. It would therefore be fairer to provide a Social Insurance Fund covering Widows' Pensions out of moneys raised through general taxation.

GROWTH OF WIDOWS' PENSION MOVEMENT IN THE UNITED STATES 1913-1917.

In the Outlook of June 7, 1913, the following paragraph appeared in an article on Widows' Pensions: "Men talk a great deal about what they call the conservation of natural resources. By natural resources, they mean lands, water, forests and mines but they forget that our chief natural resource is the child." That we are coming into a realization of the truth in this assertion, is demonstrated by the fact that since 1913, thirty States have adopted Pension Laws providing for the care of dependent children with their widowed mothers,—but although legislation has been enacted, in practically no State have appropriations been made, adequate to meet the provisions of these laws. The States that at the present time have laws, providing for the care of children with their widowed mothers are:

Arizona	Maryland	Ohio
California	Minnesota	Oklahoma
Colorado	Montana	Pennsylbania
Illinois	Nebraska	South Dakota
Idaho	New York	Tennessee
Iowa	New Hampshire	Utah
Kansas	New Jersey	Washington
Massachusetts	Nevada	West Virginia
Michigan	North Dakota	Wisconsin
Missouri	Oregon	Wyoming

NEED OF FEDERAL STANDARDIZATION.

Because in these few years there has been this official acknowledgement of the underlying principle of the Widows' Pension movement, those who are most interested in the work are hopeful that the next great step, standardization, not only in local communities, but throughout the United States will be taken in the near future. Perhaps this may come more quickly because of the wave of democracy that is now sweeping over the world, compelling all nations to acknowledge their obligation to and dependence on the young life that can only develop into efficient manhood and womanhood through proper training, proper environment, proper food. Neglected children are the grist that feed the mill which turns out in ever increasing numbers the derelicts that place the heaviest burden upon the resource of the country. The Children's Bureau in Washington, may make it possible for this standardization to come through the Federal Government: (a) If a minimum standard of living could be arrived at, for families according to the number in each group, and if this standard could be established throughout the United States in all Widows' Pension Bureaus; (b) If there could be in all the States a uniform segregation of the dependency work that should be handled through the Widows' Pension Bureau and the dependency work that properly comes under the jurisdiction of the Juvenile Court; (c) If above all there could be in all the States a recognition of the principle that pensions are payments to the mother for services rendered the community and not in any sense a charity, and that these payments should be made in money and not in the form of grocery orders, the United States will have made a wonderful progress in the realization of the ideal of child conservation that the whole world is working for.

(a) STANDARDIZATION THROUGH THE INDISPENSABLE MINIMUM.

Mr. Matthews in discussing the question of Indispensable Minimum, (Survey June 6, 1914) states: "Where the income of a family is below a certain point, the family must necessarily deteriorate by reason of insufficiency of food, lack of clothing, improper and unfit housing; the lack of these elemental things will of itself mean, dwarfed, stunted, inefficient lives. Food, clothing and shelter are essential preliminaries to humanized lives. We cannot hope for any upward trend in families,—we cannot hope for results by way of stronger, more resolute bodies and minds, which shall in the children's later years mean a larger initiative, efficiency and productiveness, unless we remove from their lives today that constant, crushing anxiety that not only deadens hope and aspiration in the mother's life, but also gradually lays its withering, paralyzing hand on the lives of the children, creating a downward pressure on life instead of an upward energy sapping and undermining the vigor and hope of every member of the family." It is quite possible that with the co-operation of the Federal Children's Bureau at Washington, D. C., an estimate of the average cost of living per capita could be arrived at through correspondence with the Economic Departments of the various State Universities. The minimum cost of living in the several territorial zones having been ascertained, it could be left to the State and County organizations to divide between them in whatever proportion would seem most just, the expense arising from the maintenance of pensioned families by the subtraction of the net income of each family from the minimum amount necessary for a family of any given number of persons to exist. At the present writing, it is considered that $40 a month for a mother and one child, and $10 to $12 additional for each other child, is the minimum on which a family can live in San Francisco.

(b) STANDARDIZATION THROUGH SEGREGATION OF WIDOWS' PENSION AND JUVENILE COURT CASES.

The second help that might be had from the Federal Government in an effort to standardize the pension work in the various States, would come in the specification of those cases which should be under the jursidiction of the Widows' Pension Bureau and those which should be dealt with through the authority of the Juvenile Courts. There are many cases of dependency that arise because of improper home conditions. A lax standard of morals, intemperance of the mother, unwillingness or inability of the mother to properly care for her children; cases where there is no legal marriage or where the parent or parents are in some State penal institution or hospital for the insane;—there are the whole orphans who must be cared for by relatives or in foster homes where legal authority must act as a poor substitute for the mother's care;—and the Juvenile Court in all these cases is the proper medium through which aid should be granted. Could this segregation be made, the inefficient mother or the mother with weak tendencies would be given the opportunity of caring for her children in the hope that her regeneration might be affected through her devotion until it is proven that further continuance with the mother would be detrimetnal. At the same time the standard for the cases where need arises through widowhood alone would be kept up, without the danger of humiliation or pauperization of the family through over-supervision.

(c) STANDARDIZATION THROUGH UNIFORM SYSTEM OF PAYMENTS.

The third help that might come from the Federal Children's Bureau would be a provision that as pensions are in fact salaries paid to the mother for services rendered, they should be paid in cash, and not, as in the practice in many localities, in grocery orders. There has been much argument as to the advisability of entrusting the mother with actual money on the theory that it would be spent unwisely and injudiciously. Mr. Hard says, "In Widows' Pension cases, there is no need of that 'I-am-responsible-for-your-general-development-as-a-human-being' supervision which is bestowed on a dependent, . . . if the State Agents administering State Funds to mothers establish the fact that the husband is dead and that the widow is no worse now than she was before his death, when she had the children, we shall help her to be able financially to continue to have them, and we ultimately shall not regard her as deserving any superior amount of supervision merely because her husband had died." Mr. Hard in the same article meets the other objection that is always made,—the impossibility of administering a Pension Fund from public moneys without becoming mixed up with political entanglement, and that therefore Pension money should be administered by private charity organizations with the statement: "If there is any person who thinks that the public service cannot learn how even to administer a Pension Fund to widows, he has cast aside his heritage in democracy. He has despaired of the republic."

GROWTH OF WIDOWS' PENSION BUREAU OF SAN FRANCISCO 1913-1917.

It is now four years since California State Legislature provided that, where need exists, a widowed mother shall receive $6.25 per month for each half orphan child under fourteen years from the State, and that the County, if the State contribution be insufficient, may add to this appropriation an equal amount. In San Francisco County, the number of applications made, the commitments, cancellations, active cases, and cost to the State and County are as follows:

Date	Number Applications	Cases Committed	Cases Cancelled	Active Cases	State	County	Total
Sept. 2, 1913) Dec. 31, 1913)	*508	114	0	114	$ 1,762.50	$ 669.75	$ 2,432.25
June 30, 1914..	141	42	4	152	12,800.53	4,538.77	17,339.30
June 30, 1915..	296	296	44	406	55,884.81	29,479.09	85,363.90
June 30, 1916..	196	103	127	376	68,805.28	42,187.92	110,993.20
June 30, 1917..	219	110	76	414	68,989.99	48,063.69	117,053.68
	1360	665	251		$208,243.11	$124,939.22	$333,182.33

EXPENDITURES BY STATE IN INSTITUTIONS AND IN HOMES.

It may be interesting to compare the amounts paid out by the State of California during this period to the various institutions with the amount paid out for the care of children in their homes as this offers a refutation to the statement made by Mr. Carstens in his book on charity work in California, that the Widows' Pension movement had not lessened the amount expended in orphan asylums.

	64th Fiscal Year	65th Fiscal Year	66th Fiscal Year	67th Fiscal Year
Counties	$225,467.90	$289,267.18	$417,828.53	$417,410.74
Institutions	209,401.70	183,410.88	160,498.12	135,078.05
Total	$434,869.90	$472,678.06	$578,326.65	$552,488.79

In noting this expenditure by the State for the care of its dependent children it is interesting to compare it with the approximate amount that is paid out by the State each year in remedial work that has largely to be done because of the neglect of the children of the previous generation. The Prison Commissioners, in making their requests to the State Legislature for appropriations for the next two years, laid strong emphasis on the fact, that unless something be done to protect the children in their homes, and to keep them from growing into physically unfit, the mentally defective, and the criminally degenerate who fill our State prisons and State hospitals, the tax Society must pay for its neglect of the half starved, uncared for little ones who grow up only to populate these institutions, will be greater with every succeeding year.

*Office opened Sept. 2, 1913, but payments on cases transferred from Juvenile Court continued on Juvenile Court demand pending re-investigation until Dec. 1, 1913.

The estimated cost for the care of criminals in State Prisons and Correctional Institutions in California during the next two years is over three and a half million dollars. The estimated cost for the care of defectives in State Hospitals and Homes for the Feeble Minded is seven and a half million dollars. The estimated cost of the State Tuberculosis Hospital is two hundred and fifty thousand dollars. The expenditure of eleven million two hundred and fifty thousand dollars by the State in caring for criminals, defectives, and those hopelessly afflicted with tuberculosis, does not include what the Counties and the local communities must add for the protection of these unfortunates. It is only a part of the price which Society pays for depriving little children of their natural rights to care and protection. An amount proportionate to what California is paying in this way is probably being expended by every other State in the Union, and the million dollars appropriated by the California State Legislature for the care of dependent children during the next two years will also probably compare very favorably with the amounts appropriated for this purpose by other State Legislatures. Perhaps Social Workers are so bound down by their own particular little tasks, that they lose sight of the fact that the public will not appropriate money for ever so worthy a cause unless attention is drawn to the need. It is just because there is no intelligent understanding of this need that about twelve times as much money is appropriated for the practically hopeless task of expiating the sins of the last generation as is appropriated to prevent the same waste of human life and energy in the generation that is growing up.

DIFFICULTIES ENCOUNTERED IN ADMINISTRATION OF CALIFORNIA WIDOWS' PENSION ACT.

Because not sufficient effort has been made to obtain a State appropriation large enough to properly carry out the work with the children, it has been necessary to define "need" which, in California, is a prerequisite to Pension Aid, as "destitution." As a result, about seventy-five per cent of the mothers who are receiving aid through the San Francisco Office and who have three or more children to care for, are obliged to supplement their pension by work outside of the home. The little stipends that have been left from insurance money and which might have been used to supplement Pension Aid each month, until some of the older children become wage earners, have to be almost exhausted before the mothers can be considered eligible. Moreover, it is considered that a widow with only one child, when both mother and child are in good health, does not need Pension Aid; yet all the State can offer to her when there is illness, is $6.25 a month. These defects in the administration of the Pension Act in California, and the defect arising from the lack of uniformity in the various Counties in the making of cash payments, and in the supplementing of State Aid by County appropriation are the main difficulties that are to be found in our State and local problems.

ANSWERS TO OBJECTIONS OUTLINED IN DEBATERS' HAND BOOK SERIES ON WIDOWS' PENSIONS.

On the other hand, after four years of actual experience in the administration of the Pension Act, the Widows' Pension Bureau feels itself in the position to answer specifically the principal objections to Widows' pensions as outlined in the "Debaters' Hand Book Series" on the subject. These objections, seven in number, are as follows:

1. "Private charities are more efficiently organized and can distribute relief more scientifically."

Since the establishment of the Children's Bureau of the State Board of Control, which was established in 1913 to facilitate the administration of the

Widows' Pension Act in the various Counties and to supervise the care of children in institutions, the work with the dependent children of the State has been standardized and organized to an extent that it never had been before. In many of the Counties, previous to this time, State Aid was recommended without any particular investigation, and in many cases, children were committed as half orphans or as whole orphans without any proof of the death of the parent or parents. New State blanks, and the insistence that they must be carefully filled out, that the legal evidence required must be on file at Sacramento before aid is granted, have gone far towards bringing order out of chaos in the more isolated Counties where there was no organized social work of any description previous to this time. The State has the power to insist upon certain requirements, and to demand proofs of need that private charity organizations have not the legal authority to obtain. When the Widows' Pension Bureau of San Francisco was established, Dr. Richard Cabot wrote: "I hope they are giving a sufficient number and quality of assistants trained for the work. Efficient organization and scientific distribution of relief depends upon the training, experience and character of the Social Workers. The fact that the Widows' Pension Bureau of San Francisco is under State and Municipal control has not made it impossible to secure for its service workers of recognized ability, training and experience.

2. "Knowledge of the existence of public relief will discourage thrift and industrious habits, and increase dependency by increasing family desertion."

That aid from the Widows' Pension Bureau comes as a salary and not as public relief, may be in part a reason that there has been so little attempt at abuse of the provisions of the Widows' Pension Act. Statistics during the last four years show that the knowledge of the existence of the Pension Law has not lessened the efforts of the older members of families who are wage earners to assume their full responsibilities, and as soon as there is any possibility of a family maintaining itself without assistance, the mother and children have been most anxious to relieve the office of any burden, so that this help could be given to others less fortunate. As desertions cases are handled through the Juvenile Court where there is legal authority to bring the father back to his family and to collect a part of his wages for the support of the children, this latter objection does not find any place in the Widows' Pension Bureau of San Francisco.

3. "Fraud and deception will be practiced and a mendicant class of society created."

It is hard to understand why there should be more fraud and deception in work carried on by the Government than by private charity organizations. The extreme carefulness of the first investigation, together with the necessity of legal proof of marriage, of the death of the husband, of residence in the State and County and evidence of need, makes it very difficult for fraud and deception to be practised, even if there were a wish to deceive on the part of the applicant. There is always a small proportion of dishonest in every community, but the experience of the staff of the Widows' Pension Bureau in dealing with applicants for aid corroberates the experiences of business men in extending credit to patrons. There may be a small percentage of loss, but the average person is honest, and there is more to be gained than lost in taking for granted the integrity of an individual until he has proven untrustworthy. Far from being a mendicant class, the recipients of Widows' Pensions in San Francisco are among the most self-respecting members of the community. Because all questionable cases are referred to the Juvenile Court, it is possible to establish a relationship of a friendly business nature between the office and the applicant rather than the relationship of supervising and criticising that must exist with families of a low moral standard.

4. "Families will be relieved of wholesome responsibilities for the assistance of unfortunate relatives."

It has been the experience of the Widows' Pension Bureau during the last four years, and this tallies with the experience of the Associated Charities and other relief organizations, that the relatives of people needing assistance are very often not much better off financially than the applicants. If they can keep their own heads above water, and provide against the dependency of their own families in years to come, they are doing as much as can be expected. It has also been the experience of the Widows' Pension Bureau that while these relatives can seldom pledge themselves to give a definite amount of financial aid each month, they are almost always willing and glad to supplement with clothing and with a little additional help whenever they are able. Because the pensioned family can depend upon a certain amount of money to meet its most imperative needs, there is encouragement to relatives who are even in poor circumstances to make some effort and some sacrifice to help. The definite pension makes the sacrifice worth while.

5. "Pensions are a form of charity, not reward for service rendered."

Whenever, and so long as this premise is taken, there can be no successful work accomplished. When the administrator of a Pension considers that it is a charity dole, it is impossible for him to deal with the recipient in any way that will not be humiliating and lessening to self-respect. The whole effort of this report has been to show that the granting of Pensions to widows is a payment for services rendered, and not in any respect a charity.

6. "Social progress, such as better and safer conditions for working people, and Social Insurance will be retarded."

The objections to the present schemes of Social Insurance have been already stated. A more exhaustive account may be had by reference to the chapter on Social Insurance in Sidney Webb's "The Prevention of Destitution." It is hard to see why pensions for widows should retard better and safer conditions for working people, as they in no way interfere with Workingmen's Compensation Laws now in effect. In California, most Workingmen's Compensations are paid on the basis of monthly pensions to widows. Usually, sixty-five per cent of the weekly wage of the husband for a certain period covering the amount of compensation granted by the Commission.

7. "Public expenditures will be enormously increased."

This statement is probably based on the assumption that so far as the Government is concerned, the majority of people would be absolutely dishonest and insist upon claiming pension aid where there was no need. Clearly defined laws based upon a National Minimum under which no family could be expected to live, and conscientious provision through the various Pension Offices would prevent any serious abuse. A glance at the very small increase in the cost to the State and the County for the Widows' Pension Bureau during the last four years is clear proof that this assertion is unfounded.

Summarizing, the work in San Francisco during four years of actual administration of the Pension Act seems to be a justification of the hope that has been behind all Pension Legislation:—That the family can be conserved without pauperization. Notwithstanding the many defects and shortcomings of the present Pension Laws arising largely from the newness of the movement and lack of local and national standardization, the recognition of the mother as one of the most valuable assets to the State in the conservation of its future citizenship, has at last become universally acknowledged, and this great principle having once been established, the perfection in detail of plans of administration is a matter of lesser moment and of comparatively easy solution.

SUMMARY OF ACCEPTED CASES DECEMBER 1, 1913—JULY 1, 1917.

NUMBER OF CASES—665.

AVERAGE AGE AT DEATH—40½ years.

FATHER.

NATIONALITY—Austria 17, Australia 5, Bohemia 1, British Columbia 1, Canada 10, Denmark 9, Egypt 1, England 17, Finland 9, France 11, Germany 40, Greece 2, Holland 2, Hungary 3, Ireland 91, Italy 47, Malta 1, Mexico 7, Norway 9, Poland 1, Roumania 3, Russia 16, Scotland 10, Sicily 3, Spain 2, Switzerland 2, Sweden 24, Portugal 1, Tahiti 1, Wales 1, New Zealand 1. United States—California 182, Connecticut 3, Colorado 1, Illinois 13, Indiana 4, Iowa 4, New Jersey 1, Kansas 1, Kentucky 5, Louisiana 1, Maine 2, Maryland 2, Massachusetts 10, Michigan 6, Minnesota 2, Missouri 6, Nebraska 1, Nevada 4, Ohio 11, Oregon 2, Pennsylvania 14, Tennessee 1, Texas 5, Vermont 2, Virginia 2, West Virginia 1, Washington 2, Wisconsin 5, New York 22. U. S. Territory—Alaska 1, Guam 1. Total 665.

CAUSES OF DEATH—Abscess 7, accident 51, alcoholism 2, anaemia 2, apoplexy 6, appendicitis 13, asphyxiation 2, asthma and bronchitis 4, bladder dis. 1, brain fever 1, Bright's disease 19, cancer 30, cerebral abscess 2, congestion lungs 1, diabetes 8, diphtheria 2, dropsy 5, drowning 21, dysentery 2, empyema 2, enteritis 2, epilepsy 1, erysipelas 3, exposure at sea 1, fistula 2, fracture skull 5, gall bladder 2, heart trouble 80, cerebral hemorrhage 6, hemorrage lungs 4, hemorrhage stomach 1, hernia 7, insanity 17, kidney disease 4, laryngitis 1, liver 6, locom. ataxia 1, meningitis 2, murdered 2, nephritis 13, intestinal obstruction 3, paralysis 9, paresis 3, peritonitis 3, pleurisy 2, pneumonia 65, drug poisoning 1, lead poisoning 2, ptomaine poisoning 1, rheumatism 3, arterio sclerosis 3, lateral sclerosis 2, senility 1, septicaemia 5, small-pox 1, stomach affections 4, suffocation 1, suicide 19, tetanus 1, tuberculosis 159, tumor 3, typhoid 21, volvulus 1, declared legally dead 1. Total 665.

OCCUPATIONS—Accountant 3, architect 1, auto-repairer 2, baker 4, barbers 9, bartender 13, blacksmith 7, boatmaker 1, boilermaker 4, bookbinder 1, bookkeeper 11, bootblack 3, brass worker 2, brewery driver 6, bricklayer 5, bridge tender 1, broker 2, butcher 7, cabinet maker 4, can maker 1, cannery worker 2, car conductor 5, car motorman 5, car repairer 1, carpenter 32, carpet layer 1, carriage maker 3, cement worker 3, chimney maker 1, cigar maker 3, civil engineer 2, cleaner—dying 2 window cleaner 1, dry goods clerk 1, deputy county clerk 1, delicatessen clerk 1, drug co. clerk 1, grocery clerk 3, lumber mill clerk 1, P. O. clerk 2, railroad clerk 5, shipping clerk 4, shoe clerk 5, tally clerk 2, unclassified clerk 3, coachman 2, collector 2, commissary 1, commission merchant 1, construction foreman 1, contractor 2, cook 9, cooper 1, coppersmith 2, cordage worker 1, dairyman 1, delivery driver 2, draughtsman 1, druggist 2, dry goods pd. 1, editor 1, electrician 6, elevator man 1, marine engineer 5, stationary engineer 4, expressman 5, factory worker 1, farmer 3, fire department 1, fireman 7, marine fireman 1, fisherman 8, fruit dealer 5, fruit packer 1, furrier 1, gardener 5, garment maker 1, gilder 1, gas worker 1, gas blower 2, hardwood finisher 1, hod-carrier 5, house mover 1, house wrecker 1, inspector 3, insurance agent 1, interpreter 1, inventor 1, iron molder 15, janitor 3, laborer 69, lather 1, laundry driver 3, laundry worker 5, lead burner 1, letter carrier 3, linotyper 1, liquor dealer 3, locksmith 1, longshore 6, lumber mill 1, machinist 10, magazine writer 1, master mariner 1, mechanic 2, merchant tailor 1, metallurgist 1, metal worker 2, mill hand 7, miner 3, musician 1, music teacher 1, newspaper mailer 1, oiler 1, packer 1, painter 21, paper hanger 1, peddler 1, photo engraver 1, physician 3,

pile driver 1, plasterer 7, plumber 7, police department 3, porter 3, poultry buyer 1, pressman 1, printer 6, prison guard 1, railroad engineer 1, railroad police 1, railroad switchman 1, railroad towerman 2, railroad baggageman 1, railroad gateman 1, railroad laborer 1, ranch hand 1, real estate 3, rectifier spirits 1, restaurant 2, rigger 3, roofer 2, saloon keeper 5, salesman 15, saw filer 1, scene shifter 1, school teacher 2, sea captain 2, sea—1st mate 1, sea—2nd mate 2, seaman 8, sheriff 2, shipbuilder 1, shoemaker 6, shop keeper 9, sign painter 2, soldier 1, stableman 6, stage driver 1, steamfitter 2, stevedore 13, steward 2, stone cutter 1, suitcase cutter 1, tailor 11, tanner 1, teamster 44, tent maker 1, waiter 7, watch maker 1, watchman 8, warehouse 2, winnery worker 1, wood engraver 1, woodworker 1. Total 665.

AVERAGE MONTHLY EARNINGS—$86.67.

INSURANCE—273 insured for $177,164.85; average $648.95.

BANK SAVINGS—Nine bank accounts amounting to $2,007.00; average $223.

MOTHER.

INSURANCE—Families insured 295, amounting to $102,239.00; average $346.57.

BANK SAVINGS—85 bank saving accounts amounting to $22,843.04; average $268.74.

REAL ESTATE, ASSESED VALUE—130 houses and lots valued at $110,573; average value $850.56. 37 lots valued at $10,795; average value $291.76. Total assessed value of houses and lots $121,368.

MORTGAGES—65, amounting to $64,836.00; average $997.48. Percentage of property mortgaged 53%.

APPLICATIONS—Sept. 1913-June 1914, number of applications 649; cases committed 156; cancelled 4; active 152. July 1914-June 1915, number of applications 296; cases committed 296; cases cancelled 44; active 400. July 1915-June 1916, number of applications 196; cases committed 103; cancelled 127; active 376. July 1916-June 1917, number of applications 219; cases committed 110; cancelled 76; active 414. Totals, Sept 1913-June 1917, number of applications 1360; cases committed 665; cancelled 251; active June 30, 1917, 414. Average time between application and approval two months.

AGE—Average age 37 years.

NATIONALITY—Argentina 1, Australia 4, Austria 16, Belgium 1, Bohemia 1, Canada 6, Cuba 1, Denmark 6, England 17, Finland 9, France 10, Germany 31, Greece 1, Hungary 2, Ireland 86, Italy 44, Mexico 4, Norway 10, Poland 1, Portugal 1, Roumania 5, Russia 14, Scotland 10, Sicily 3, Spain 2, Sweden 13, Switzerland 4, Syria 1, Wales 1. United States—Arkansas 1, California 262, Illinois 11, Indiana 2, Iowa 4, Kansas 2, Kentucky 1, Louisiana 3, Maine 1, Maryland 1, Massachusetts 6, Michigan 3, Minnesota 4, Mississippi 7, Nebraska 1, Nevada 14, New York 13, Ohio 4, Oregon 3, Pennsylvania 4, Rhode Island 1, Tennessee 2, Texas 3, Utah 1, Vermont 1, Washington 1, West Virginia 1, Wisconsin 1. United States Territories—Alaska 1, Hawaii 1. Total 665.

OCCUPATION—Agent 4, boarders 33, boarding children 12, bookbinder 2, bookkeeper 1, butter maker 1, cane worker 1, cannery 8, cashier 1, caterer 1, chamberamid 7, chemist 1, chocolate dipper 2, cigar maker 2, clerk 6, day work 89, domestic 1, dressmaker 11, dye worker 1, embroiderer 2, engraver 1, facotry 23, feather worker 1, fruit packer 2, hair dresser 1, homemaker 214, janitress 7,

knitter 1, labeller 1, laundress 23, librarian 1, maid 1, manicurist 1, masseuse 1, matron 2, milliner 2, music teacher 3, nurse 6, roomers 50, saleswoman 6, seamstress 56, stenographer 5, stewardess 1, shop keeper 17, tailoress 4, teacher 2, telephone operator 5, waitress 9, washerwoman 32, wool sorter 1. Total 665. Number includes relatives. Homemakers 214; remunerative occupations 451.

NET EARNINGS—451 working, 214 not working. Average earnings $23.52. Mothers working 67%, not working 33%. Earnings of mother $10,609.00; supplemental resources $4,311.75; earnings and supplemental resources $14,920.75. Average income of mother $22.43.

SUPPLEMENTAL RESOURCES—$4,311.75 (includes help from relatives, equiv. rent, drawings from bank accounts and help from Charity Organizations).

CHILDREN.

AGES—Under 14, 1635. Over 14, 524. At home, 404. Married or away, 120. Total children at home 2039. Average number of persons per family, 3.

OCCUPATIONS—Actress 1, apprentice 14, artist 1, basket maker 2, bookbinder 2, bookkeeper 2, cabinet maker 1, canner 1, carpenter 2, cash girl 1, chauffeur 1, clerk 79, conductor 1, delivery boy 2, domestic 2, electrician 1, elevator boy 3, errand boy 12, factory 32, feather worker 1, fireman 1, hair dresser 1, laborer 3, lamp-lighter 1, laundry worker 3, library assistant 1, lithographer 2, lumber mill 2, machinist 2, mattress maker 1, messenger 4, milliner 1, naval cadet 1, news agent 4, newsboy 15, packer 2, painter 2, peddler (wood) 1, plasterer 1, printer 1, seamstress 4, stenographer 6, stone mason 1, sugar refiner 1, tailor 1, teamster 5, telephone operator 21, usher 1, watch maker 1. Total 252. Over 14 years and at home, 404; working, 252; school, 152. Total, 404.

NET EARNINGS—Average $23.93.

FINANCIAL RECONSTRUCTION.

NUMBER IN FAMILY—2828. Average number, 4.

APPROXIMATE NEED—Average per family, $56.29.

NET INCOME—Total net income $20,952.75; average per family, $31.50 (Includes earnings of mother and children and supplemental resources). Note: $6 per month allowed for car-fares and lunches of all wage earners; gross income $6 over net earnings.

PENSION GRANT—State, average per family	$14.71
County average per family	7.06
Total, average per family	$22.42

INCOME WITH PENSION—Average per family, $53.93.

YEARLY EXPENDITURES

	State	County	Total
December 1, 1913-July 1, 1914	$14,563.03	$ 5,208.52	$ 19,771.55
July 1, 1914-July 1, 1915	55,884.81	29,479.09	85,363.90
July 1, 1915-July 1, 1916	68,805.28	42,187.92	110,993.20
July 1, 1916-July 1, 1917	68,989.99	48,063.69	117,053.68

TOTAL EXPENDITURES IN PENSION GRANTS.

	State	County	Total
December 1, 1913-July 1, 1917	$208,243.11	$124,939.22	$333,182.33

CANCELLATIONS—Dec. 1, 1913-June 30, 1917—Sufficient income, 113; re-married, 45; unsatisfacotry homes, 34; left county, 23; age limit, 23; death of mother, 9; inability to keep home, 4. Total, 251.

Respectfully submitted,

MARGARET C. NESFIELD,
Director Widows' Pension Bureau.

Dated June 30th, 1917.

REPORT

OF

Board of Trustees

OF THE

San Francisco Public Library

and Reading Rooms

FOR THE

Fiscal Year Ending June 30, 1917

BOARD OF TRUSTEES.

John H. Wise	2160 Steiner Street
Edward R. Taylor	2326 California Street
Joseph O'Connor	1250 Tenth avenue
Ralph C. Harrison	Mills Building
James D. Phelan	Phelan Building
R. B. Hale	Fifth and Market Streets
Charles H. Bentley	120 Market Street
Max C. Sloss	Supreme Court
Eustace Cullinan	Phelan Building
Washington Dodge	Anglo & London Paris National Bank
Miss McKinstry	2988 Pacific Avenue

The Mayor, ex-officio.

George A. Mullin, Secretary.

Miss M. T. Tyler, Assistant Secretary.

COMMITTEE CHAIRMEN.

Ralph C. Harrison	Books
Eustace Cullinan	Building
John H. Wise	Rules
Edward R. Taylor	Finance
Charles H. Bentley	Branches
R. B. Hale	Municipal Relations
Washington Dodge	Printing and Binding
Max C. Sloss	Law
Joseph O'Connor	New Building
Miss McKinstry	Welfare of Employees

LIBRARIAN.

Robert Rea.

LIBRARY DIRECTORY.

Main Library, Civic Center.

BRANCH LIBRARIES.

Mission	Twenty-fourth Street at Bartlett
McCreery	Sixteenth Street, near Market
North Beach	1457 Powell Street
Richmond	Ninth Avenue, near Geary
Park	Page Street, near Cole
Fillmore	2435 Sacramento Street
Noe Valley	Jersey Street, near Castro

DEPOSIT STATIONS.

Bernal Heights	3536 Mission
Downtown	Emporium
Excelsior	4564 Mission Street
Glen Park	598 Bosworth Street
Golden Gate Valley	3009 Fillmore Street
Ingleside	422 Holloway Avenue
Noe Valley	1308 Castro Street
Ocean View	379 Capitol Avenue
Oceanside	Judah Street and Forty-eighth Avenue
Polk	1303 Polk Street
Potrero	Nineteenth and Iowa Streets
Richmond	2320 Clement Street
San Bruno	2598 San Bruno Avenue
South San Francisco	1202 Railroad Avenue
Sunset	813 Irving Street
Visitacion Valley	100 Leland Avenue

REPORT OF THE PRESIDENT.

August 1, 1917.

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—Pursuant to the provisions of Article XVI, Section 9 of the Charter, the Board of Trustees of the Public Library and Reading Rooms presents this report of its activities for the fiscal year ending June 30th, 1917.

The growth of the Library during the past year as shown by the reports of the Secretary and Librarian appended herewith, is very satisfactory. Although this year was shortened by the half month occupied in moving the Main Library from Hayes and Franklin streets to the new building in the Civic Center, the circulation in the Main Library increased from 292,709 in 1916, to 321,646 in 1917, a gain of 28,937 and the number of cardholders increased from 13,920 to 17,726, a gain of 3,806. The card gain for the entire system during the same period was 4,453. The number of volumes in the Library on June 30, 1917 was 191,960, showing and increase of 15,793 over the number on hand on June 20, 1916, and of 31,513 above the number owned just before the great fire.

On September 17th, 1916, the Noe Valley Branch Library was completed and dedicated. This is the third building supplied by the portion of the Carnegie gift

set apart for the erection of branch libraries. It is very handsome and convenient. The architect was Mr. John Reid, Jr.

The first and second branches referred to are respectively those of the Richmond and Mission districts. As the Carnegie library moneys must be used only in the erection of the buildings, the city must provide the sites. The city authorities have been prompt and generous in doing this.

At present there are two additional branches in course of construction in the Sunset and Golden Gate Valley districts respectively. When these are completed, probably next January, we shall have nine branch libraries—eight owned by the city and one, that of North Beach, rented. Formerly all our buildings were rented.

The Richmond, Mission and Noe Valley buildings cost in the aggregate $136,910. The two now under construction will cost about $80,000, leaving in the fund a balance slightly under $160,000. This amount will not half satisfy the just demands for extended library accommodations. The fact is the increase in the annual library appropriations has not nearly kept pace with the growth of the Library since the fire.

If the Supervisors, especially the members of the Finance Committee, would review our annual reports in order to get a true measure of the rapidly advancing usefulness of the Library in all its departments, we feel certain that they would not be disposed regularly to undercut our estimates in the belief, probably, that we ask for more than we need so that, when the cutting is done, we may have, more nearly, what we actually do need.

As the Library Board devotes all its funds after the payment of its necessary expenses for salaries and general upkeep, to the purchase of books and other educational material, it follows that the cutting of the carefully estimated amounts annually requisitioned by the Library Trustees, must result in lessening the educational advantages that the Trustees desire to bring to the patrons of the Library. We believe that if this view of the case became clear to the Honorable Board of Supervisors, they would be more generous to this great branch of our educational system.

The great event of the year was the completion, in the Civic Center, of the Main Library building and its dedication on February 15th, 1917. The following program with the notes of the addresses and Trustee Taylor's beautiful Ode furnish a good history and description of the work and, at the same time, convey a note of pleasure on the part of the Trustees at the final great success of the often delayed measures which they started more than sixteen years ago with that object in view.

JOSEPH O'CONNOR,
President.

EXERCISES ON THE DEDICATION

of the

SAN FRANCISCO PUBLIC LIBRARY BUILDING

At the Hour of Half-past Two o'Clock
THURSDAY THE FIFTEENTH DAY OF FEBRUARY
Nineteen Hundred and Seventeen

PROGRAM

ADDRESS
JOSEPH O'CONNOR
President of the Board of Trustees

ADDRESS
R. B. HALE
A Trustee of the Library

ADDRESS
GEORGE W. KELHAM
Architect of the Building

ADDRESS
HON. JAMES ROLPH, JR.
Mayor of San Francisco

POEM
EDWARD ROBESON TAYLOR
A Trustee of the Library

"AMERICA"
TO BE SUNG BY THE AUDIENCE

ADDRESS BY JOSEPH O'CONNOR, PRESIDENT OF BOARD OF TRUSTEES

When a beautiful building like our City Hall or this great Central Library is erected by a city for civic uses, it is usual to report to the public the manner in which the persons acting as Trustees for the city in that connection and those working under their supervision have performed the duties imposed upon them and to hold dedicatory exercises appropriate to the occasion.

It becomes my duty to present to you the program making this report and dedicating this magnificent, chaste temple of learning to the sacred uses for which it is intended, not because of any special fitness on my part for the performance of such a task, but because I happen to be chairman of the special committee under whose supervision the building took shape and, at the same time, chance to be president of the Board of Trustees for the present year.

Following is the chronologic order in which the different parts of the work were undertaken:

Ground broken March, 1915, grading finished, foundations laid and
Steel erection commenced August, 1915,
Fireproofing commenced December, 1915,
Brick work commenced February, 1916,
Erection of book stacks commenced September, 1916.

The following work was begun as soon as the preceding made it possible and was carried on simultaneously in its different departments up to the time of moving, about two weeks ago.

1. Stone, metal, wood, etc.
2. Plastering, painting, floor covering.
3. Ornamental carving and inscriptions inside and outside.
4. Erection of machinery for heating, ventilation, drainage, transference of books, parcels, etc.
5. Lighting and furnishing.

There was no nervous rush about this work and no delays. Mistakes were promptly detected and corrected at the expense of those who made them.

At the Board meeting held on May 1st, 1901, I introduced a resolution which was carried, providing that the president appoint a committee of five to find ways and means for the erection of a Central Public Library for this city.

The resolution also provided that the president of the Board, at that time Hon. John H. Wise, and the mayor, Hon. James D. Phelan, be made members of the committee. The other members appointed were Trustees Lilienthal, Harrison and I. The vacancy caused by the death of Trustee Lilienthal was filled by the appointment of Judge Sloss. Otherwise the committee is as first constituted. I was made chairman, although I had asked to have some one more competent placed in that position.

Considering that the special building committee had to call for bids, by public advertisement, on the different branches of the work to be performed; had to allow the bidders time to examine the plans and to make their calculations; had to look not only to the regularity of the bids submitted, but to the responsibility of the lowest bidders, who were often unknown to a majority of the committee; and, all these difficulties being overcome, had frequently asked for and obtained special meeting of the Board to avoid delays—it must be apparent that all the Trustees, as well as the members of the committee, had to keep their minds upon the work in hand in order to save time and therefore money in the doing of it. This is exactly what the Board of Trustees has done and I prefer to speak of the Board in this connection rather as one working under its direction than as its president.

I cannot sufficiently praise the work of the architect, Mr. Kelham, the gen-

eral contractor, Mr. Lindgren, the special contractors and our Secretary, Mr. Mullin.

The work of the Architect and the Contractors is before you and you can see the effect. Besides Mr. Kelham will address you and he will have an opportunity, should he choose, to point out some of the special advantages we possess in this building.

The architect of a building like this is to me a constant source of wonder and admiration. He sits down with a committee who do not always know what they want or ought to have. If they have sense enough to do as we did, namely, to send him and their business man to examine intsitutions of a similar character elsewhere, he is lucky for then the mistakes of these can be avoided and their good points followed or even improved upon; but even then what he must consider, decide upon, remember and provide for in accordance with law and science and otherwise is amazing. I was saying something like this to Mr. Lindgren a little while ago and he said in reply, "Yes, that is all so, but you must not forget that what the architect puts on paper we master builders change into solid substance-walls, and roofs and floors and stairs; beautiful stone and metal and wood." and so, as to the architect and the builder, each is imperfect without the other. One is the originator, the other the finisher. As the architect plans for the general contractor and must see that his plans are properly interpreted, so the general contractor, to maintain his reputation, must see that the sub contractors do their work thoroughly and as planned.

The special contractors also in most instances did their work as if they felt that their future in business would depend upon its excellence and I believe they were right.

Under our rules, the Secretary is the business man of the Board. Mr. Mullin, now filling that position, has qualifications natural and acquired that specially fit him to meet this requirement. He is not a mere recorder of motions, reader of minutes and sender of notices. He is the business man of the Board and his duties as such have kept him fully employed since the destruction of the library in the great fire and much more so since practical steps for the erection of this building were taken.

My remarks in this report have shown that we were in a hurry to get the contracts taken and the work completed without delay. We had good reason to be. The price of materials was constantly going up. We were scared by one strike which however was settled just in time to prevent a halt in our work. The architect calculated, the contracts being all let, that if there were no strike or other delay, the building would cost $1,153,000—$778,000 of this to be paid by the city and afterward $375,000 from the Carnegie bequest.

Under the law of this State the last payments to contractors to be paid from the city funds would not be due until thirty-five days after their work should be completed, and under the conditions of the Carnegie gift, payments were not to be made from that portion of the building fund until those from the city portion were completed. It looked therefore as if there must be a delay of thirty-five days between the work to be paid for by the city and the commencement of the period at which the Carnegie money would become available. The delay might even be much greater than that because the contractors could not be expected to remain idle and they would naturally discharge their employees and seek other business.

It was well known that the manager of the Carnegie Gift Corporation was set on observing to the letter the gift regulations; and other methods of obtaining the needed money were discussed but without result.

In this dilemma it was thought that nothing could be lost by sending the

Secretary East to explain matters to the Manager. So he was sent as the representative of the Trustees. He reached New York during the killing heat of last summer and although his reception was rather cold his diplomacy won the day and the last danger of delay was removed. I believe few secretaries could have done as much.

The inscriptions commencing with that over the Larkin Street entrance and throughout the building in prominent places on the walls inside, were selected by Trustee Taylor.

They are filled with philosophy and piety like the Golden Sayings of Epictetus. They are a great education in themselves.

Of course those who expect perfection in public work will be likely to discover that we should have done better. Perhaps they will say "those Trustees built for a village. They should have known that this city was bound to become the New York or the London of the Pacific," etc.

Well, I think we have done the best we could under the circumstances. We have not forgotten to leave room for additions to meet the growth of San Francisco, the city of our love and our hope, and we believe that those who shall succeed us will not be wanting in maintaining and increasing the usefulness of this institution. With Dr. Taylor we hope that this structure "throned on imperishable books may be maintained and cherished from generation to generation for the improvement and delight of mankind."

ADDRESS OF TRUSTEE R. B. HALE.

This is a day to which the lovers of books in San Francisco have long looked forward. Almost from the very beginning of Library activity in this City, the dreamers of "dreams which come true" have been hoping to join in the jubilation of this occasion,—the dedication of a Library Building commensurate with the importance of Library work in this community.

Nearly 38 years ago a meeting of public-spirited citizens convened in this city, decided to introduce a bill in the Legislature enacting the necessary law for the creation of a Library. Under the provision of a subsequent enactment, the Library was organized with 11 trustees named in the Act. Only one of these trustees was privileged to continue his public service to this day, and therefore it seems quite appropriate to recognize the faithful devotion of our oldest trustee, Mr. John H. Wise.

Almost as long in point of years given to this cause, always zealously guarding our every interest, whether as Mayor of our beloved City, as President of the Board, as an ordinary Trustees, or as Chairman of our Finances, stands the figure of our gifted citizen, Dr. Edward Robeson Taylor.

Speaking for the Trustees, I wish to acknowledge a debt of gratitude to President O'Connor for the unselfish and public-spirited service which he has given to this new building. We know that for a long period of time President O'Connor has been planning and re-planning this magnificent structure, and we congratulate him, not only as President, but as Chairman of the Building Committee, which latter position he has held for many years.

The great success of the Panama-Pacific International Exposition was made possible by the genius of many men of acknowledged ability who worked together to accomplish a common purpose. Among those chosen for high office was the architect of this magnificent structure, George W. Kelham, to whom tribute should be paid at this time for the beautiful design and arrangement of this monumental edifice.

To the architect, and to the contractor, Mr. Lindgren, great praise is due

for working within their estimates, there being less than one hundred dollars residue of the appropriation of $1,153,000.

Mr. Mullin, our Secretary, and Mr. Rea, our Librarian, have been tireless workers in developing and adopting the final plans, and in supervising the installation of the necessary equipment for the efficient handling of our books and for the rendering of quick service to our subscribers.

The fire of 1906 reduced the number of volumes in the library from 166,000 to less than 25,0000. During only one year since that time have the Board of Supervisors allowed more than the minimum tax required by charter provision yet through careful husbanding of the available funds we have been able to make a very creditable record of accomplishment.

Our temporary building at Hayes and Van Ness avenue was opened on March 1st, 1908, and provided a fireproof vault with fusible link doors for protection in the event of a repitition of the conflagration through which the city had recently passed. Though located on the very edge of the burned area, the reading rooms were crowded, from the opening of the temporary library until we finally closed its doors to occupy this spacious edifice. The vault, however, finally became too small to house the number of volumes under our direction, which increased to over 182,000, nearly 15,000 a year, or an average of about 50 per day.

A number of branch libraries have also been created and the circulation of books has increased until it is now the greatest in the city's history. This is a beautiful and well merited tribute to the Chairman of the Book Committee, our worthy fellow-trustee, Hon. Judge Ralph C. Harrison.

The old adage, "The world makes room for the man who knows" was never more significant or truthful than in the present generation. We have provided here for the young men and young women of this community in a most generous fashion. On our book shelves may be found information in regard to every known subject. This is the City's seat of learning,—the fountain head of information. With these facilities for the reading public there is ample opportunity for self-advancement, and education. It has been said of one of our great captains of industry, that when a boy he was unable to secure the number or the kind of books he desired for his home studies and hence resolved that when possible he would extend library facilities to the youth of this country. This probably explains in some measure the generous contributions made to this City by our benefactor, Mr. Andrew Carnegie, who not only gave largely of his bounty to aid in the construction of this building but also made possible the construction of a number of branch libraries, thereby adhering to one of his hobbies of bringing books to the people.

The Board of Library Trustees desire to acknowledge the co-operative and helpful attitude of our City and County fathers in respect to our library activities and also they recognize the public spirit which prompted the Directors of the Panama-Pacific International Exposition to grant our request for some of the wonderful murals which decorated the courts and palaces.

Never in the history of any exposition had mural paintings been used for exterior decoration until the advent of the exposition in San Francisco. When a number of the foremost mural decorators of the world were requested to make their contributions to the artistic success of this tremendous undertaking they came forward generously and whole heartedly and reduced their original prices about one half from $250,000 to $125,000, and by their artistic triumphs sounded a new note in the advancement of the West. Among the most brilliant of these painters was Frank Dumond, of New York, who chose as his subject "The Westward March of Civilization." His two mural paintings were hung in one of the arches of the Court of the Universe, one representing the beginning

of the Westward March, and the other the arrival in the "Land of gold, fruit and flowers." The familiar figures of some of the early characters in California history were portrayed in these pictures. Among them Joaquin Miller, Bret Harte and Junipera Serra. Of all the paintings that were left as a legacy to San Francisco, these were chosen for the ornamentation of the library, because they were not only historical in their character but had a sentimental value by reason of their association with our Western development. I doubt if the artist knows where these pictures have been placed, but I am sure that when advised, he will feel, as we do, that they have found a fitting resting place in this library, which represents today the culture and refinement of this community.

We are assembled today to dedicate this great structure—to mark its opening with appropriate ceremony. After years of toil and planning, our hopes and our aspirations are at last expressed in this beautiful and well appointed edifice. The thousands and tens of thousands of volumes of the city are properly and safely house, the furnishings are in place, our work of construction is finished; we have moved in; the doors have been opened to the public. This monumental structure, built to adorn the Civic Center which is to be the pride and glory of San Francisco, will from this day be the focal point from which will radiate the Library's activities to the remotest parts of our city; it will safely house our literary treasures, and we trust it will enjoy an ever increasing degree of popular favor.

ADDRESS OF ARCHITECT GEORGE W. KELHAM.

I hardly know whether it be more a compliment to the previous speaker, Mr. Hale, or to myself, that after having worked together through an Exposition as well as this Library, we continue so in accord on matters architectural.

Regarding the work which we are here to dedicate—there is very little which may be said by me, save only a few words—uttered more in a spirit of gratitude than any other feeling—toward all who have helped us reach our desitnation. To the men in my office who have labored so faithfully and well I take especial pleasure in acknowledging my debt and to those who have carried out the various elements of construction which have turned into reality what was a cherished dream, and have given of their best efforts willingly and gladly, I feel profound thanks. We have been traveling a long road together, and it is good to be at home.

You have heard from the Chairman of the Building Committee, Mr. O'Connor, something concerning the practical side of this new building, and I think no conceit attaches to the statement from me that you have an efficient, practical working Library. I shall not weary you with any long detailed statement concerning it. A building should tell its own story far better than words may hope to, and whatever its merits or faults may be, will be known to those who use it.

Mr. Mullin and myself in our long trip throughout the country, missed little, I venture to say, in the field of Library activity, nor did we hesitate to borrow freely from any source such ideas as seemed of the greatest working value, so that you should have an equipment which represents the most modern thought; and to this result, if it has been achieved, both Mr. Mullin and Mr. Rea have contributed a generous share.

It seems to me, however, that a Library building, if it is to realize its true function must go far beyond all this, and that any community which has achieved only material perfection may make small claim to progress.

All of us, I take it, will agree that the volumes which this structure houses are of educational value, and just as a good book deserves a good binding, so too, should these treasures of the world's best thought be surrounded by an atmosphere of refinement and of beauty, suggestive inasfar as may be possible, of those things

which typify the finer sides of life; of those ideals which we all cherish and admire, and for which, among all the buildings we create, a library should stand foremost.

In just the degree that this has been achieved I should measure the real success of this undertaking, and it has been with this thought always in mind that I have tried to create an environment for those who will use these rooms which will help to foster the respect and love that all good books merit.

For those who know the quiet content of the printed page, I venture the hope that it may bring some added enjoyment.

If any of these visions have been realized, it is in a large measure due to the kindly support and help which I have had at all times from the members of the Board of Trustees. If I feel any regret at the completion of this work, it lies in the fact that it marks the end of our, to me, very pleasant business relations.

No architect could hope to find a more sympathetic client. It has been real co-operation from the start, and I wish only I were able to give you such a building as you deserve. To quote a recent utterance of the President of the United States to the Congress, "It is a pleasure to labor in such company."

James Rolph Jr., Mayor of San Francisco, made an extempore, forceful address which was not written out and hence does not appear here.

ODE READ BY EDWARD ROBESON TAYLOR.

I

While the mad clamors of world-shaking war
Have stunned the sickened ear and rived the heart,
While men in millions have in valor kissed
The awful lips of sanguinary death,
While blood and tears in horror's streams have flowed
As if all agonies were in their depths,
While great cathedrals, hallowed and sublime,
Beloved of all the ages, have been slain
While devastation's unrelenting hand
Has crushed the hearted homes of joy and thrift,
Till even pity can no longer weep,
Peace has erected this majestic pile,
And placed on it her everlasting crown.
While war's dread uproars shook the frighted earth,
The binding rivets pierced its sides of steel,
And all its stones were then in order laid,
Till consummation rose triumphant here.
And she the City of our heart of heart
Adds one more jewel to her dauntless breast,
A jewel all immaculate and pure.

II

O thou, great architecture's favored child,
The product of our Kelham's mind and heart,
And of those artisans whose wondrous skill
In order followed what he had designed,
I kneel before thee with my heart so full,
That though my praises ran without an end,

And though the Muses fed my great desire,
I would remain thy hopeless debtor still,
I yet would stand before thee wonder-rapt.
Thou art indeed made perfect to contain
The written thoughts of all the sons of men,
To fructify the human soul as they
Have ever done since speech has blest the world.
Here safely housed these tongues of all the past
Will speak their wisdom to the young and old,
And never weary in their gracious task.
Surrounded by the greatest and the best
What intellectual soul would ask for more;
Or should you wish to ramble o'er the page
With visions charming you at every turn,
Here are the books that willingly will lead
Your steps through all the ways you wish to go.
Science is here with all her certitudes,
And sweet Religion with her restful peace,
While Art with welcoming cheer and radiant smile
Trails her great glory o'er full many a page;
Here Poesy outspreads her dewy wings
To dare the deep recesses of the heart;
Philosophy is here in sober gray,
With all her weighty problems still unsolved,
And History comes with her imperial stride
Bearing the life-drawn word of centuries past;
Biography unrolls her marvelous tales
Of these illustrious men who conquered fate,
While Fiction far extends her rapturing scroll
To tell us of experience not our own.
Allurement here is graciousness itself,
And fills the moments with a new delight,
For should the book be laden in your hands,
Your eye may wander to the art-crowned scene
That glows with beauty whereso'er you look,
And as you drink the luxury of the hour
The joy of thankfulness will brim your heart.

III

My own dear City, I bow down in thanks,
Which rise above the level of my verse,
That out of thy supreme munificence
Has come to us this latest, precious gift.
It tells us that thou art in soul so great
Thou still canst mount the far-uptowering peaks,
And robed in glory rule sublimely there;
That as in thy tremendous, trying past,
When fire and temblor spent themselves in vain,
So in thy future spreading vast and grand,
Thou shalt look nobly down on every fate,
And hold thy nestling children in thine arms
Securely safe beneath thy boundless love.

SAN FRANCISCO PUBLIC LIBRARY—DESCRIPTION OF BUILDING.

Size of building, 190 x 305 feet.

Exterior of granite, steel frame and class A fire-proof construction throughout.

Complete system of ventilation and heating installed for all the principal rooms.

A special type of indirect lighting has been provided for the main reading rooms, and no sources of light are visible for these rooms.

The main stack room has a capacity of 500,000 volumes when completely filled and future additions may be made for a like number of volumes. The book stacks in this room are of special steel construction, with marble floors, and special attention to daylight lighting has been given in the arrangement.

Ample arrangements for the working staff have been made in the rest room, dining room, kitchen, baths, etc., and this particular feature has been carried further than in any library thus far built.

The main reading room is 36 x 195 feet and has a capacity of approximately 25,000 volumes; the reference room is 30 x 100 feet, with a capacity of 15,000 volumes; and a special book room and a room for art books adjoin the reference room at either end.

The main delivery room at the head of the staircase leading from the entrance vestibule is 65 feet square and 42 feet in height. This room and entrance vestibule and the main staircase are all designed with a combination of real Travertine marble brought from Italy, and an imitation of this marble made in San Francisco. It is practically impossible for an observer to determine the difference between the two materials. The floors of these three rooms have also been made in real Travertine marble, which is the most durable and lasting of all known materials.

The floors of the general reading room and reference room are laid with cork tiles, insuring absolute silence when people walk about these rooms. All book cases, ornamental doorways and various treatment of all sort in these two rooms have been made in an antique oak finish, the decorative treatment being carried out in the style of old Italian rooms, with plain plaster wall surfaces and painted beam ceilings.

Here are also placed two large mural paintings by Mr. Frank DuMonde, which were painted by him for one of the great arches in the Court of the Universe at the Exposition. They represent closely events in San Francisco's earlier history and seem especially fitted for a place in its Library Building.

The design of the exterior and interior of the building is in the spirit of the Italian Renaissance, this period of architecture seeming, in the opinion of the Architect, to best represent the scholarly atmosphere which a Library should attempt to convey.

The periodical room, the technical book room and room for the musical library are all placed on the third floor of the library, together with the Trustees' meeting room and the offices of the Secretary of the Board. The Librarian's office is on the second floor in connection with the large reading rooms. The juvenile room and the newspaper room are on the first floor and easily accessible to the Fulton Street entrance.

The cost of the completed building, including all furniture and equipment, was $1,153,000.00

THE FOLLOWING NAMES ARE INSCRIBED ON THE OUTSIDE OF THE BUILDING.

(1)	(2)	(3)	(4)
Chaucer	Bryant	Spenser	Collins
Shakespeare	Longfellow	Dryden	Goethe
Milton	Whittier	Pope	Schiller
Wordsworth	Hawthorne	Johnson	Byron
Coleridge	Holmes	Goldsmith	Shelley
Tennyson	Lowell	Gray	Keats
Browning	Poe	Burns	Hugo

(5)	(6)	(7)	(8)
Scott	Cervantes	Dante	Homer
Cooper	Richardson	Petrarch	Aeschylus
Balzac	Fielding	Ariosto	Sophocles
Dumas	Lessing	Tasso	Euripides
Thackery	Irving	Moliere	Socrates
Dickens	Whitman	Racine	Virgil
George Eliot	Tolstoi	Corneille	Horace

(9)	(10)	(11)	(12)
Plato	Josephus	Xenophon	Herodotus
Aristotle	Plutarch	Livy	Thucydides
Euclid	Montaigne	Tactitus	Hume
Descartes	Bacon	Gibbon	Grote
Kant	Berkeley	Macaulay	Bancroft
Carlyle	Rousseau	Mommsen	Motley
Pasteur	Emerson	Lecky	Parkman

THE FOLLOWING INSCRIPTIONS ARE ON THE INSIDE OF THE BUILDING IN THE MAIN STAIRCASE HALL.

To be content with what we possess is the greatest of all riches.
Peace be within thy walls and prosperity within thy palaces.
The ways of wisdom are ways of pleasantness and all her paths are peace.
Gold can be taken away but knowledge is thine forever.
The true university of these days is a collection of books.
A soft answer turneth away wrath but grievous words stir up anger.
Silence at the proper season is wisdom and better than any speech.
Art is beauty passed through thought and fixed in form.
Our happiness depends in a great measure on the choice of our company.
A good conscience is the testimony of a good life and the reward of it.
Nature is a revelation of God. Art is a revelation of man.
Let our object be our country, our whole country, nothing but our country.
Handle a book as a bee does a flower, extract its sweets but do not injure it.
Character is the governing element in life and is above genius.
Love is the life of the soul, it is the harmony of the universe.
Buy what thou hast no need of and ere long thou shalt sell thy necessities.
Understanding is a wellspring of life unto him that hath it.
Whatsoever thy hand findeth to do do it with thy might.
Books bear the messages of the wisest of mankind to all the generations of men.

BRONZE DOORS.

Here thou mayst feed on knowledge and never grow weary in adding to thy store.

Books are the basis of civilized life, and the fountains in the desert of being.

In books lies the soul of the whole past time, the articulate, audible voice of the past.

INSCRIPTION ON THE FRONT.

The Public Library of the City and County of San Francisco.

May this structure throned on imperishable books be maintained and cherished from generation to generation for the improvement and delight of mankind.

Founded MDCCCLXXVI Erected MDCCCCXVI

ENTRANCE DOORS TO DELIVERY ROOM.

Peace to all who come here (Outside).

Quiet is Kin to learning (Inside).

INSCRIPTION IN MAIN VESTIBULE.

This building stands upon a portion of the site of the old City Hall. In its erection the citizens of San Francisco were aided by a gift of three hundred seventy-five thousand dollars from Andrew Carnegie who also gave a like amount for the construction of branch library buildings.

REPORT OF THE SECRETARY.

To the Trustees of the San Francisco Public Library and Reading Rooms:

Gentlemen:—Following is a statement showing the Receipts and Expenditures for the year ending June 30, 1917:

RECEIPTS.

Balance in Treasury June 30, 1916		$ 29,595.91
Cash on hand (with Secretary) June 30, 1916		284.70
Taxes	$108,799.47	
Fines	3,936.40	
Books lost and paid for	206.05	
Bindings injured and paid for	1.70	
Reserve postals sold	239.15	
Subscriptions to Monthly Bulletin	1.00	
Old newspapers sold	110.55	
Refund on insurance	163.65	
Old safe sold	85.00	
Old book stack sold	1,000.00	
Total receipts		114,542.97
		$114,423.58

DISBURSEMENTS.

Salaries	$ 64,162.71
Rent of branches	900.00
Books	29,582.51
Periodicals	2,823.93
Catalogue cards	901.73
Stationery	628.67
Printing	2,887.26
Binding	8,102.55

Furniture and repairs	8,329.96		
Expense sundry	2,336.33		
Fuel	1,247.33		
Water	625.72		
Insurance	819.33		
Total disbursements		$123,348.03	
Balance in Treasury June 30, 1917		20,773.60	
Cash on hand (with Secretary) June 30, 1917		301.95	
			$144,423.58

RECORD OF DELINQUENTS.

FINES.

44,593 Fines collected, amounting to	$3,936.40	
1,220 Fines uncollected, amounting to	289.90	
45,813 Fines imposed, amounting ot		$4,226.30

BOOKS LOST AND BORROWERS' CARDS CANCELLED.

Main Library	56 volumes, amounting to	$74.04	
Mission Branch	1 volume, amounting to	1.00	
McCreery Branch	10 volumes, amounting to	13.93	
North Beach Branch	7 volumes, amounting to	8.42	
Richmond Branch	10 volumes, amounting to	10.60	
Park Branch	18 volumes, amounting to	28.81	
Fillmore Branch	20 volumes, amounting to	27.33	
Noe Valley Branch	7 volumes, amounting to	3,12	
Deposit Stations	21 volumes, amounting ot	41.28	
Total	150 volumes, amounting to		$208.53

BOOKS LOST AND PAID FOR.

218 volumes, amounting to $206.05

STATEMENT OF EXPENSES FOR BRANCHES AND STATIONS.

	Mission Branch	McCreery Branch	North Beach Branch	Richmond Branch	Park Branch	Fillmore Branch	Noe Valley Branch	Sunset Branch	Golden Gate Valley Branch
Salaries	$3,374.60	$3,131.39	$2,377.60	$3,536.85	$3,732.10	$3,051.75	$2,152.05	.....	.....
Rent	.....	.....	900.00	.....	.....	.....	.....	.....	.....
Furniture and Improvements	871.29	481.80	84.50	227.79	178.85	198.55	584.32	.....	.....
Expense Sundry	76.61	21.00	21.00	32.75	48.20	29.20	71.15	.....	.....
Fuel	69.54	188.32	99.26	285.50	160.97	196.52	188.45	.....	.....
Water	36.43	92.89	21.80	134.45	22.30	42.00	19.54	.....	.....
Periodicals	193.45	152.85	153.40	186.00	186.75	154.85	168.75	.....	.....
Printing and Stationery	334.90	227.55	180.10	269.70	290.40	284.40	160.80	.....	.....
Binding	575.18	419.56	421.55	673.00	687.84	623.34	393.28	.....	.....
Books	2,794.13	911.20	647.53	2,278.76	1,198.22	1,213.63	597.16	2,594.87	2,427.84
Insurance	273.73	.....	.....	154.95	.....	.....	.....	.....	.....
Totals	$8,599.86	$5,626.56	$4,906.74	$7,779.75	$6,505.63	$5,794.24	$4,335.50	$2,594.87	$2,427.84

	Ocean View Station	Potrero Station	Noe Valley Station	Sunset Station	South S. F. Station	Glen Park Station	Oceanside Station	Visitacion Station	San Bruno Station
Salaries	$ 204.00	$ 420.00	$ 51.00	$ 204.00	$ 204.00	$ 204.00	$ 204.00	$ 204.00	$ 204.00
Rent	.....	.....	.....	.....	.....	.....	.....	.....	.....
Furniture and Improvements	.....	.....	.....	.....	.....	.....	.....	.....	.....
Expense Sundry	30	.....	.....	.75	.50	.10	.30	.40	.30
Fuel	.....	.....	.....	.....	.....	.....	.....	.....	.....
Water	.....	.....	.....	.....	.....	.....	.....	.....	.....
Periodicals	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Stationery	14.35	19.15	1.75	23.45	11.15	9.00	5.95	7.60	10.15
Binding	.....	.....	.....	.....	.....	.....	.....	.....	.....
Books	.....	.....	.....	.....	.....	.....	.....	.....	.....
Insurance	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	$ 218.65	$ 439.15	$ 52.75	$ 228.20	$ 215.65	$ 213.10	$ 210.25	$ 212.00	$ 214.45

STATEMENT OF EXPENSES FOR BRANCHES AND STATIONS—Continued

	Golden Gate Valley Station	Excelsior Station	Polk Station	Downtown Station	Richmond Station	Ingleside Station	Bernal Heights Station	Deposit Collection
Salaries	$ 240.00	$ 240.00	$ 240.00	$ 102.00	$ 204.00	$ 204.00	$ 204.00	
Rent								
Furniture and Improvements								
Expense Sundry	.50	.25	.50	2.00	.40	.10	.10	
Fuel								
Water								
Periodicals								
Printing and Stationery	23.90	14.65	20.00	48.30	19.80	5.90	18.55	
Binding								697.12
Books								1,609.40
Insurance								
Totals	$ 264.40	$ 254.90	$ 224.50	$ 152.30	$ 224.20	$ 210.00	$ 222.65	$2,306.52

TOTALS.

Salaries	$24,653.34	Periodicals	$ 1,196.05
Rent	900.00	Printing and Stationery	2,001.50
Furniture and Improvements	2,627.10	Binding	4,490.87
Expense Sundry	306.41	Books	16,272.74
Fuel	1,188.56	Insurance	428.68
Water	369.41	Totals	$54,434.66

Books of Deposit Collection have been distributed to Branches and Stations.

Respectfully submitted,

June 30, 1917.

GEORGE A. MULLIN, Secretary.

REPORT OF THE LIBRARIAN.

To the Trustees of the Public Library and Reading Rooms
Of the City and County of San Francisco.

Gentlemen:—I have the honor to submit herewith the annual report of the Librarian covering the activities of the library for the fiscal year ending June 30, 1917.

In the year just closed, the final steps in rehabilitation were taken, and the Main Library at last permanently housed in the Civic Center. Since moving to the new headquarters, the size and importance of the collection, in many respects a notable one, is realized to a greater extent, and the amount of work done in the old building appreciated. Although the temporary quarters on Hayes street were inadequate and overcrowded to such a degree as often to hamper progress, the labor of re-assembling and building up the library was performed there and as satisfactorily as if it had been done under more favorable conditions.

The time required for the removal and installation in the new building was but two weeks. This was due to much forethought and systematic routing. The plan of moving whole shelves from the old stacks without disturbing their contents was so successful that no loss was sustained, no bindings injured, and all disorder eliminated. Throughout the process, it was possible at all times to find any volume and to supply all urgent demands made upon the library. When the fact is taken into consideration that to effect this change four teams were required for eight days, the proportions of the undertaking will be better appreciated.

Besides the transferring of the actual main collection, all material stored in the Park and McCreery branches has been assembled, to be catalogued and arranged for use. This includes many volumes of public documents and other gifts and sets of books which it was not possible to shelve in the old building.

Conditions in the temporary headquarters necessitated the consolidation of several departments, but the accommodations now provided permit of the separate conduct of each division. This has resulted in a more even distribution of the work and consequent improvement in the service.

The information desk has full control of the circulation department and supervises the card catalogue. All queries, whether received by telephone or otherwise, are answered here.

The reference department, comprising the general reference collection, the art and map rooms, has charge of all pamphlet material and serials other than periodicals. Here also information is given by use of the telephone.

The newspaper and periodical sections are now separate, the former handling the newspapers, both bound and unbound, and the latter, all periodicals, current and bound.

The children's department besides caring for the juvenile collection, conducts the story hour and exercises supervision over all work with the children.

All literature on music as well as a mammoth collection of scores, etc., have been placed in the music room, the unbound material being filed in cabinets provided for the purpose. A soundproof room adjoining contains, at present, only a piano. It is hoped that it will soon be possible to add other much needed furnishings.

The technical room at present containing only patent office reports is soon to be stocked with business and technical work sand conducted as a separate division. Lack of assistance has made proper supervision of this department impossible, but plans for its development in the near future are being made.

In anticipation of the increase in the staff required by the opening of the new departments, an examination of applicants was held some months before moving. An estimate of the number of assistants needed was made, and all schedules and adjustments prearranged. Much of the confusion necessarily attendant upon moving and upon the employment of so many persons at one time was eliminated in this way.

The system of employing university students as temporary vacation substitutes was inaugurated this summer, and has been most successful. As the vacation period is limited to the three months of the year during which there is a decrease in the amount of work, there is ample opportunity to train the substitutes without impairing the service. This innovation has greatly simplified the planning of the vacation schedules.

As the resources of the library have become known in greater measure through the opening of the various departments, the use of the collection has increased accordingly. The circulation of 321,646 volumes at the Main Library is an increase of 28,857 for the year, while that of 1,187,754 recorded for the entire system exceeds the statistics of the previous year by 26,231. The number of cardholders is now 57,966 showing steady and satisfactory progress.

Besides the growth in the work of all departments due to the quickened activities, a large volume of additional work was accomplished during the year. Perhaps the most important and extensive undertaking was the ordering of complete collections for the Golden Gate Valley and Sunset branches. Much of the material has already been received, and is now being catalogued.

A survey was made of all the branches with the purpose of determining their most urgent needs. In consequence, comprehensive additions have been made to the miscellaneous collections of the older branches, and live and practical material has replaced the out-of-date reference works. The buildings have been renovated and many alterations made, but further improvements suggest themselves. The greatest need at present is for separate juvenile departments, in order that more extensive work may be done with the children. Although in each branch, a section is devoted to juvenile books, the Noe Valley branch is the only one in which a room has been set aside for the exclusive use of children. The results obtained here justify the establishment of like departments in the other branches.

The Noe Valley branch dedicated on September 17, 1916, is the third to be built from the Carnegie fund, and the seventh in the branch system.

An inventory of all branches was taken in the remarkably short time of one week. This was made possible through the innovation of a loose leaf check-list. Complete and authentic records were obtained in order that systematic work may be done in replacing or cancelling the missing books.

Both from the point of view of equipment and of service, the branch situation has been greatly improved with the exception of the Fillmore and North Beach branches, to which serious attention should be devoted in the near future. As the former is in the heart of one of the principal residential districts, its patrons are numerous. The seating capacity of the building is usually taxed to the utmost, while the overcrowded condition of the shelves hampers efficient service. Until adequate space and facilities are provided, this branch cannot be expected to progress nor to meet the needs of the district.

In the North Beach branch, conditions are even more unfortunate. It is to be regretted that in this section of the city with its unequaled opportunities, library work must be carried on under the most unfavorable conditions. The patrons of this branch are principally foreigners, the Oriental and Latin races predominating. The value of a library where the foreigner may find not only books in his own language, but those as well which will help him to acquire that of his adopted country is self-evident. The library has made every effort to meet the requirements of the neighborhood, but until its installation in suitable quarters, the best work cannot be done.

The method of supplementing the branch system in the more distant sections of the city by the deposit station plan has served its purpose, but with the growth of these districts, something further must be done to meet their needs. The sub-branch, as suggested in a previous report, appears to be the most feasible and practical solution of the problem. This plan makes provision for a reading room

supplied with a wider range of reading than is possible in a deposit station, as well as a suitable reference collection and an assortment of periodicals. Their supervision should be exercised by trained library assistants. In many cases, reading rooms of this character might be established in connection with a school on the social center plan.

The urgent need for a business branch continues to be demonstrated by the many requests for books on this subject. At present, the collection is limited in this respect, and the library cannot supply the demand made upon it. Such a branch established in the down-town district and well supplied with trade directories and journals would be of material assistance to business men. The many libraries of this character at present conducted by banking concerns, insurance companies and commercial organizations might be incorporated with a resultant saving of labor and expense. The field is an interesting one, rich in opportunities: seemingly it is entirely worthy of experiment.

As the library now has the proper facilities, arrangements should be made by which smaller collections at present managed by the city and others, could be administered by us. The usefulness of such libraries would be greatly extended, and their upkeep as one collection much less than the amount now expended on them. This suggests also a greater co-ordination between the schools and the library by which supplementary reading could be scheduled from school to school on a travelling library basis.

Although some efforts have been expended in the collection of a Municipal Library in the City Hall, the opportunities in this line have not been fully developed. Such an assortment of pamphlets, clippings, and documents on matters relating to municipal interest is of inestimable value to the city and its importance should not be overlooked. This work logically belongs to the library to which the majority of queries relating to the city's activities and policies are directed by other municipalities.

Before increasing growth renders the task too difficult, a new method of registration of card-holders, charging and collecting of fines should be installed. The present plan which was evolved when the institution was much smaller, is now obsolete and should be adjusted to conform with systems in vogue in other libraries of the same size. Moreover, it should be made possible for visitors to the city to secure books during their time of residence. Following the practice of other libraries in this respect, deposits could be received or other means adopted by which this courtesy could be extended. During the exposition year, numerous scholars and students made extensive use of the reference collection, but were refused borrower's privileges merely because they were non-residents, and much adverse criticism folowed.

These and other improvements so universally productive of good results in other libraries cannot be made, however, until the appropriation, now inadequate, be increased to approximate that of libraries elsewhere.

The compensation in the library profession throughout the country has been steadily increasing in recent years, the scale here, on the contrary, remaining stationary. The remuneration of assistants is smaller than that received in other cities besides being less than that of all other employees in the municipal service.

More detailed accounts of the workings and activities of the different divisions will be found in the accompanying reports submitted by the various departments.

My continued acknowledgements are due to the members of the library staff whose ability and loyalty have been important factors in the successful completion of the year's work. I wish also to express my thanks to your Honorable Board for the helpful co-operation of the past year.

Respectfully submitted,

ROBERT REA, Librarian.

Department of Electricity

The Department of Electricity is charged with the following:

The electrical inspection of old and new buildings and the supervision of overhead electrical construction.

The collection of fees for electrical inspection.

The operation, maintenance and extension of the fire alarm and police signal systems of the city.

The manufacture of such equipment as is necessary to properly maintain and extend the fire alarm and police signal systems.

FINANCIAL STATEMENT.

Appropriation.			Expenditure.	Surplus.
$78,246.00	Salaries		$78,211.70	$ 34.30
6,000.00	Maintenance		5,751.45	248.55
36,000.00	General Extensions:			
	Salaries	$15,099.25		
	Material	20,506.58		
			35,605.83	394.17

INTERIOR INSPECTION.

Applications on file June 30, 1916	4,756
Applications received	12,283
	17,039
Installations approved	14,016
Applications on file June 30, 1917	3,023
Inspections made during year	35,856
Installations found defective	6,761
Installations disconnected from service	92
Non-recorded installations detected	2,402

DOCUMENTS ISSUED.

Contractors' licenses	232
Complaints on defective wiring	6,761
Certificates of approval	14,016
Electric sign permits	361
Housemovers' permits	24
Receipts for fees	3,000

MONEYS RECEIVED.

Fees for wire inspection, Ordinance No. 2582	$15,914.60
Fees for electric sign permits, Ordinance No. 1009	549.10
Fees for fire tapper service, Ordinance No. 698	423.15
Total	$16,886.85
Housemovers' deposits, Ordinance No. 1026	615.00
Housemovers' refundment	508.20

INSPECTION OF OVERHEAD CONSTRUCTION

Violations of Chapter No. 499, State Penal Code	72
Violations of Ordinance No. 214	3
Violations of Ordinance No. 1736	0
Violations of Ordinance No. 2582	8
Violations of General Order No. 26, Railroad Commission	52
Deaths by electrocution investigated	1
Fires investigated	17
Complaints on construction detrimental to public welfare and safety	191
Miscellaneous	56
Re-inspections	1,084
Number of permits of approval issued for overhead construction on poles	137

OPERATION OF FIRE ALARM SYSTEM.

In the following tables are recorded the alarms and signals handled by the fire alarm office during the fiscal year 1916-1917:

Summary of Alarms of Fire Transmitted during the Fiscal year.

First alarms	1,532
Second alarms	35
Third alarms	13
Fourth alrms	0
Still alarms	1,780
Total number of alarms	3,360

Summary of Alarms for each Month during the Fiscal Year.

1916.		1917.	
Month.	No. of Alarms.	Month.	No. of Alarms.
July	443	January	274
August	293	February	176
September	274	March	214
October	225	April	227
November	227	May	297
December	220	June	490

Joker Signals Transmitted during the Fiscal Year.

Engine	6,759
Truck	1,815
Chemical	2,551
Chief	2,583
Water Tower	232
Battery	48
Fire Boat	181
Fire Patrol	1,175
Special	185
Tower Drill	365
Miscellaneous Drill	37
Repair	246
Tapper	66
New Fire Alarm Box	99
Pay Day	13
Test	1,093
Total number of Joker Signals	17,448

Total number of Fire Alarm Boxes in service July 1, 1917, 791.

CENTRAL FIRE ALARM STATION.

The Central Fire Alarm Station in Jefferson Square continues to give perfect service.

There are now forty-eight working signal circuits, ten working tapper circuits and ten working alarm circuits. Equipment is provided for forty-eight signal circuits, twelve tapper circuits and twelve alarm circuits. The station has an ultimate capacity of eighty signal circuits, sixteen tapper circuits, sixteen alarm circuits and sixteen joker circuits.

MACHINE SHOP.

During the year the department manufactured 120 fire alarm boxes, 48 underground fire alarm standards, 23 underground police standards and equipment, 32 police telephone boxes, and 110 flush doors and locks for fire alarm boxes.

All fire alarm boxes in service are now equipped with flush doors with key under glass, easily broken to obtain access to the box.

All boxes heretofore manufactured will be provided with glass over the hook so that it will not be necessary to open the outer door to send in an alarm of fire.

Routine repairs and maintenance on fire alarm and police signal equipment, tools, wagons, and automobiles were carefully kept up.

The budget for the fiscal year 1917-1918 provides for the manufacture of 110 new fire alarm boxes.

CONSTRUCTION AND MAINTENANCE.

Each fire alarm box in the system was inspected and turned in for test monthly, making a total of 8,922 tests for the year. Repairs were made on 84 boxes, and, on account of circuit changes and repairs to box wires, 115 boxes were out of service temporarily. There were 295 pieces of line trouble removed and 2,378 miscellaneous complaints attended to. Seventy-four outside bells were installed, 99 transferred and 85 removed.

During the fiscal year, 93 new fire alarm boxes were placed in service. One new signal line was constructed and placed in service, bringing the total number of signal circuits up to 48 on July 1st, 1917.

Four new police boxes were installed, making a total of 171 boxes now in service.

New cable was placed, connecting the quarters of No. 14 Engine and those of No. 10 Truck with the fire alarm system. New instrument boards were built and placed in service in Engine Houses No. 14, 15, 23, 30, 36, and 38.

Department wires were removed from the poles of the public service corporations and placed underground at the following locations: Mission St. from Fifth to the Embarcadero; Fifth from Mission to Folsom; Fourth from Mission to Howard; Howard from Third to Fourth; Van Ness Ave. from Vallejo to Lombard; Embarcadero from Mission to Howard; Howard from Embarcadero to Spear; Steuart from Howard to Harrison.

To permit removal of duplicate or unnecessary poles, wires of the department were transferred or rebuilt on other poles at the following locations: Herman from Webster to Steiner; Eighteenth from Guerrero to Lexington; Stockton from Bay to Green; Seventeenth from Missouri to Connecticut; Lombard from Scott to Lyon; Baker from Lombard to Green; Geary from Wood to Blake; Union from Larkin to Leavenworth; Green from Hyde to Leavenworth; Bluxome from Fourth to Fifth; Fifth from Bluxome to Brannan; Geary from Second to Fifth; Hayes from Broderick to Shrader; Nineteenth from Taravel to Sloat; Waller from Webster to Scott; Scott from Duboce to Page; Fourteenth Ave. from Geary to Balboa; Twenty-third from Bartlett to Guerrero; Pine to Pierce;

Euclid from Parker to Jordan; Seventeenth and Castro; Beaver from Noe to Castro; Lombard from Buchanan to Fillmore; Irving from Twenty-first to Twenty-sixth; O'Farrell from Van Ness Avenue to Franklin; Fourteenth from Guerrero to Market; Stockton from Bay to Green; Phelan from Flood to Ocean Aves.; Divisadero from California to Golden Gate Ave.; Geary from Forty-first to Forty-fifth Aves.; Seventeenth from Potrero to Mississippi; Mississippi from Seventh to Mariposa; Mariposa from Mississippi to Illinois; Kentucky from Mariposa to Channel; Seventh from Sixteenth to Brannan; Twenty-second from Bartlett to Dolores; Sunnyside from San Jose Ave. to Flood Ave.; Seventh from Berry to Irwin; Clement from Second to Thirteenth Aves.; Sacramento from Maple to Lyon.

Temporary fire alarm boxes were installed in the Presidio at the General Hospital and the new cantonment at Presidio Wharf.

Watchmen's signal boxes were installed at Jones-street Tank and Twin Peaks Reservoir to insure proper patrol. A number of lights were erected at these places for the benefit of the watchmen.

The new quarters of No. 8 Engine and No. 4 Truck; also of Nos. 4 and 17 Engine Companies were equipped with instrument board and complete new equipment and placed in service.

Fire alarm boxes were placed on underground cable system at Fort Mason and the U. S. Transport Dock.

Cable was pulled in from the Central Fire Alarm Office to Frederick and Stanyan to enable the department to remove overhead wires from Haight St. Cable was pulled in and spliced along Drumm St. from Clay to Market for the Harbor Police system. Cable was installed and spliced in Howard St. from Second to Tenth; Second from Howard to Brannan; Beale from Market to Folsom; Howard from Beale to First; First from Market to Harrison; Davis from Broadway to Vallejo; Vallejo from Davis to Front; Front from Jackson to Pacific.

Fifty-two new fire alarm standards and 11 new police standards were erected in the underground districts.

Creosoted wood duct conduit was laid from the Embarcadero and Channel to Second and Townsend. The underground pole riser at Sixteenth and Capp Sts. was moved to a new pole. Conduit and cable were laid from Fulton and Tenth Ave. to the Park Museum for fire alarm and police service.

Report of Playground Commission

August, 17th, 1917.

To the Honorable James Rolph, Jr.,
Mayor, City and County.

Dear Sir:—Enclosed herewith is the report of the Playground Commission for the fiscal year 1916-17 as per the Charter provisions of the City and County of San Francisco.

Very truly yours,

FRANK A. LAWLER,
Secretary.

The past fiscal year was a period of real expansion in Playground work in San Francisco. Two new playgrounds, Richmond, at Nineteenth Avenue between Lake and California Streets; and Mission, Nineteenth Street at Angelica; were completed and thrown open to the children.

Presidio Playground, Clay Street near Walnut, was remodelled, the southerly half of Southside Playground was filled and graded and is now being laid out in baseball diamonds. North Beach Playground was resurfaced and a battery of tennis courts, playground ball fields and an outdoor gymnasium installed. Hamilton Playground was furnished with two additional tennis courts, a basketball court and outdor gymnasium for boys.

The old Spring Valley School property on Broadway near Polk Street was taken over as a unit of the system and made into a model playground.

Twenty school yards were opened as play centers and a parcel of land in the Potrero District at Potrero and Serpentine Avenues purchased for a playground site.

The sum of One Hundred Twenty Thousand Dollars ($120,000.00) was available for the work of the department and expended as follows:

EXPENDITURES.

Administration—		
Construction	626.86	
Furnishing	1,352.80	
Labor	307.34	
Operating Supplies	1,829.56	
Play Supplies	1,003.95	
Salaries	9,184.74	
Stationery	36.85	
Sundry Expenses	328.19	
Purchase (Potrero)	25,375.00	
		$ 40,045.29
Excelsior Playground—		
Construction	101.73	
Furnishing	3.60	
Labor	632.50	
Operating Supplies	517.44	
Play Supplies	368.03	
Salaries	3,145.00	
Sundry Expenses	11.35	
		4,779.65
Hamilotn Playground—		
Construction	1,845.09	
Furnishing	42.40	
Labor	1,500.50	
Operating Supplies	1,296.14	
Play Supplies	225.03	
Salaries	4,556.00	
Sundry Expenses	30.51	
		9,495.47
Holly Park—		
Labor	73.00	
Operating Supplies	49.94	
Play Supplies	249.41	
Salaries	875.00	
Sundry Exepnses	6.37	
		1,253.72

Jackson—		
Construction	44.00	
Furnishing	3.60	
Labor	471.50	
Operating Supplies	885.30	
Play Supplies	281.31	
Salaries	4,330.00	
Sundry Expenses	12.40	
		6,028.11
Mission—		
Construction	1,635.89	
Furnishing	17.80	
Labor	2,424.50	
Operating Supplies	858.42	
Play Supplies	74.62	
Salaries	760.00	
		5,770.73
North Beach—		
Construction	4,843.10	
Furnishing	3.60	
Labor	1,033.00	
Operating Supplies	1,598.90	
Play Supplies	177.19	
Salaries	3,460.00	
Sundry Expenses	44.15	
		11,159.94
Presidio—		
Construction	2,465.61	
Labor	528.50	
Operating Supplies	157.45	
Play Supplies	84.79	
Salaries	1,175.00	
Sundry Expenses	101.33	
		4,512.68
Richmond—		
Construction	6,336.99	
Furnishing	24.00	
Labor	996.50	
Operating Supplies	752.31	
Play Supplies	30.72	
Salaries	495.00	
		8,635.52
Southside—		
Construction	3,773.81	
Furnishing	3.60	
Labor	2,481.65	
Operating Supplies	1,296.59	
Play Supplies	508.93	
Salaries	4,560.00	
Stationery	12.65	
Sundry Expenses	243.31	
		12,880.64

Spring Valley—		
Construction	3,022.21	
Furnishing	20.90	
Labor	1,134.52	
Operating Supplies	351.95	
Play Supplies	136.52	
Salaries	400.00	
Sundry Expenses	7.00	
		5,073.10
Schoolyard Playgrounds—		
Labor	32.50	
Operating Supplies	55.42	
Play Supplies	376.01	
Salaries	3,012.80	
Sundry Expenses	8.75	
		3,485.48
North Beach Bath House—		
Construction	1,051.50	
Furnishing	8.50	
Labor	49.50	
Operating Supplies	1,018.83	
Play Supplies	104.44	
Salaries	1,196.65	
		3,429.42
Mission Bath House—		
Construction	715.00	
Furnishing	65.27	
Labor	33.00	
Operating Supplies	1,082.93	
Play Supplies	29.05	
Salaries	1,525.00	
		3,450.25
		$120,000.00

TABLE OF ATTENDANCE.

Playgrounds.	Boys.	Girls.	Totals.
Excelsior	63,123	41,120	104,243
Hamilton	90,112	121,760	211,872
Holly Park	24,255	11,307	35,562
Jackson	48,995	25,887	74,882
Mission	23,398	18,340	41,738
North Beach	46,523	45,466	91,989
Presidio	13,195	10,867	24,061
Spring Valley	24,466	13,917	38,383
Southside	58,261	32,165	90,426
Mission Baths	24,356	12,857	37,213
Bath House (North Beach)	8,694	5,261	13,955
Schoolyards	105,685	57,250	162,935
	531,062	396,197	927,259

County Clerk's Report

San Francisco, July 1st, 1917.

Hon. James Rolph, Jr.,

Mayor of the City and County of San Francisco.

Dear Sir:

In compliance with Section 9, Article XVI, of the Charter of the City and County of San Francisco, I submit herewith the annual report of the office of County Clerk for the fiscal year 1916-1917.

During the fiscal year 1916-1917, numerous efficiency experts have been employed within and without the government of San Francisco, but none of them visited the office of the County Clerk, or suggested in any way an improvement in the transaction of the business thereof, and I take it for granted that the integrity of the County Clerk's staff is so well known to the public that the aforesaid experts deemed it unnecessary to survey or expert this department, except that in a published "survey report" prepared by "Bureau of Municipal Research, New York, 1916," there appears on page 46 thereof the following, "That the title 'County Clerk' be changed to 'Clerk of Courts' and that all other functions of the County Clerk's office be transferred to the office of the Board of Supervisors, and that the latter title be also changed."

Also on page 158 of the aforesaid report there appears the following, "When serious consideration is next given to revising the City's Charter it would be advantageous to change the title of County Clerk to 'Clerk of the Courts' and to transfer his other duties to the office of 'City and County Clerk.'"

In reply to the foregoing permit me to say: The County Clerk is a constitutional officer, and by virtue thereof is clerk of the Superior Court; the Charter of San Francisco imposes an additional duty by making the County Clerk, clerk of the Police Court.

While the statutes of California impose certain duties upon the several County Clerks of the State, other than those performed as clerk of the Superior Court, the Charter of San Francisco relieves the County Clerk of such duties and imposes them upon the Clerk of the Board of Supervisors, Registrar of Voters and secretaries of the several Boards and Commissions of the government of the City and County of San Francisco.

The County Clerk of San Francisco therefore performs his duties only as ex-officio clerk of the Superior Court and clerk of the Police Court; to change the title of the office or the duties thereof, it would be necessary to amend the Constitution and statutes of the State in addition to amending the Charter of San Francisco.

In the preparation of the budget of 1917-1918, reference was made to the continuance of the employment of the additional help allowed to the office of the County Clerk in connection with the operation of "An act to provide for the establishment and quieting of real property, etc." (the McEnerney Act), and in reply thereto permit me to say:

I was inducted into office on the 8th day of January 1906, and on the 18th day of April of the same year, the great fire swept away the contents of the County Clerk's office, including the Superior Court files and records.

Then came the herculean task of re-establishing an office, preparing legal

blanks, record books, etc., and in the meantime the filing of new actions at law, and the restoration of the old records had to be undertaken.

In a very short space of time our office was re-established and every department of our court had resumed business, and the transactions necessary to the judicial branch of the government were in full swing.

When the "McEnerney Act" became operative it was necessary to get additional help to handle the filing of these actions, which numbered 36,168, with cash receipts amounting to about $300,000.

The filing of an action at law is only the beginning of the work; the greater part is keeping the record as the case progresses and the recordation of the judgment, etc., upon the final adjudication.

In addition to the increased work occasioned by the operation of the McEnerney Act, the business of the court has so multiplied that it was necessary for the Legislature to increase the number of departments from twelve to sixteen, which requires four additional clerks; the naturalization of aliens has so increased that it became necessary to establish an independent department requiring three clerks; the examination and commitment of insane, etc., requires the continual services of three clerks; the Juvenile Court has grown to such proportions that it requires several clerks; the increased business of the civil, probate and criminal departments of our court warrants the employment of additional office help, but such has been the system, that by an equal distribution of the work among the present staff we are able to keep the records up to date.

At no time during my incumbency has there been unnecessary employees in the office of the Conty Clerk; on the contrary, it is often necessary for deputies to remain after office hours in order to complete the day's work, thus maintaining the rule of keeping the court records up to date.

In proportion to the responsibilities imposed and service rendered, deputy County Clerks are most inadequately compensated.

When consideration is next given to revising the Charter, it would be in justice to all municipal employees to provide for the payment of salaries commensurate with responsibility imposed and faithful service rendered.

With the aid of a thoroughly organized and disciplined office staff, working under a perfect business system, we not only give complete satisfaction to the Bench, Bar and general public, in an honest, efficient and courteous administration of our duties, but as may be seen by reference to the Financial Statement hereto attached, the office has not only been self-sustaining during my incumbency, but has been a source of profit to the City and County, earning in excess of running expenses the sum of $637,502.97.

Respectfull submitted,

H. I. MULCREVY,

County Clerk of San Francisco and ex-officio Clerk of the Superior Court thereof.

FINANCIAL STATEMENT, FIRST HALF FISCAL YEAR 1916-1917, ENDING DECEMBER 31, 1916.

Department.	July	August	September	October	November	December	Totals
General Department	$3,450.90	$ 4,010.50	$ 4,199.50	$ 4,241.75	$3,701.00	$ 3,536.65	$23,140.30
Quiet Title Department	245.75	222.00	188.40	181.40	213.75	201.25	1,252.55
Civil Department	1,029.05	1,306.75	1,233.15	1,411.25	1,292.65	1,145.70	7,418.55
Probate Department	1,186.50	1,231.00	1,210.25	1,312.00	1,077.25	1,141.50	7,158.50
Naturalization Department	316.50	245.50	280.50	321.00	322.50	196.50	1,682.50
Marriage License Department	916.50	984.50	1,227.00	1,035.50	1,083.50	1,147.50	6,394.50
Fines and Forfeitures—Superior Ct.	.....	.....	.....	.....	5.00	.....	5.00
Fines and Forfeitures—Police Ct.	1,285.00	2,420.00	962.00	1,400.00	1,093.00	1,918.00	9,078.00
Law Library Fees	1,116.00	1,286.00	1,300.00	1,323.00	1,171.00	1,111.00	7,307.00
Receipts	$9,546.20	$11,706.25	$10,600.80	$11,225.90	$9,959.65	$10,398.10	$63,436.90
Disbursements, Salaries	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	53,900.00
Excess of Receipts	$ 562.86⅔	$ 2722.91⅔	$ 1,617.46⅔	$ 2,242.56⅔	$ 976.31⅔	$ 1,414.76⅔	$ 9,536.90

FINANCIAL STATEMENT, SECOND HALF FISCAL YEAR 1916-1917, ENDING JUNE 30, 1917.

Departments	January	February	March	April	May	June	Totals
General Department	$ 4,022.00	$ 3,778.75	$ 4,240.00	$ 3,604.75	$ 3,696.50	$ 4,014.25	$23,356.25
Quiet Title Department	192.15	209.50	143.70	175.00	215.65	137.10	1,073.10
Civil Department	1,278.90	1,173.25	1,346.45	1,252.75	1,371.90	1,234.35	7,657.60
Probate Department	1,427.75	1,122.97	1,469.25	1,266.50	1,252.50	1,176.00	7,714.97
Naturalization Department	378.50	433.50	98.00	503.00	478.50	50.00	1,941.50
Marriage License Department	973.00	979.50	807.00	1,362.00	1,237.50	1,182.50	6,541.50
Fines and Forfeitures—Superior Ct.	.....	.....	.....	250.00	.....	10.00	260.00
Fines and Forfeitures—Police Ct.	1,393.00	680.00	1,900.00	1,470.00	2,239.00	1,611.00	9,293.00
Law Library Fees	1,273.00	1,162.00	1,266.00	1,151.00	1,192.00	1,173.00	7,217.00
Receipts	$10,938.30	$ 9,539.47	$11,270.40	$11,035.00	$11,683.55	$10,588.20	$65,054.92
Disbursements, Salaries	8,983.33⅓	8,983.33⅓	8,833.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	53,750.00
Excess of Receipts	$ 1,954.96⅔	$ 556.13⅔	$ 2,437.06⅔	$ 2,051.66⅔	$ 2,700.21⅔	$ 1,604.86⅔	$11,304.92
Total Excess of Receipts, Fiscal Year 1916-1917							$ 20,841.82
Total Excess of Receipts, Fiscal years 1905-06 to 1915-1916							616,661.15
Grand Total Excess of Receipts to June 30, 1917							$637,502.97

GENERAL DEPARTMENT.

		Totals.
Civil Suits Filed—		
From April 18, 1906, to June 30, 1916	74,889	
From July 1, 1916, to June 30, 1917	8,083	
		82,972
Adoptions Filed—		
From April 18, 1906, to June 30, 1916	592	
From July 1, 1916, to June 30, 1917	102	
		694
Certificates of Incorporation Filed—		
From April 18, 1906, to June 30, 1916	14,247	
From July 1, 1916, to June 30, 1917	875	
		15,122
Certificates of Copartnerships Filed—		
From April 18, 1906, to June 30, 1916	2,765	
From July 1, 1916, to June 30, 1917	503	
		3,268
Special Copartnerships Filed—		
From April 18, 1906, to June 30, 1916	36	
From July 1, 1916, to June 30, 1917	6	
		42
Auctioneers' Bonds Filed—		
From April 18, 1906, to June 30, 1916	143	
From July 1, 1916, to June 30, 1917	7	
		150
Official and Notarial Bonds Filed—		
From April 18, 1916, to June 30, 1916	172	
From July 1, 1916, to June 30, 1917	16	
		188
Oaths of Office Filed—		
From April 18, 1906, to June 30, 1916	2,987	
From July 1, 1916, to June 30, 1917	222	
		3,209
Candidates' Statements Filed—		
From April 18, 1906, to June 30, 1916	161	
From July 1, 1916, to June 30, 1917	0	
		161
Surety Company Certificates Filed—		
From April 18, 1906, to June 30, 1916	55	
From July 1, 1916, to June 30, 1917	3	
		58
Superintendent of Banks Certificates Filed—		
From July 1, 1909 to June 30, 1917	42	
		42
Torens Land Act—		
From April 18, 1906, to June 30, 1917	7	
		7
Certificates of Appointment of Humane Officers Filed—		
From July 1, 1913, to June 30, 1916	401	
From July 1, 1916, to June 30, 1917	38	
		439

CIVIL DEPARTMENT.

		Totals.
Number of Civil Actions Filed—		
From April 18, 1906, to June 30, 1917		82,972
Number of Civil Actions Pending June 30, 1916	24,944	
Number of Civil Actions Filed—		
From July 1, 1916, to June 30, 1917	8,083	
		33,027
Number of Actions Adjudicated	5,040	
Number of Actions Dismissed	1,768	
Number of Actions Transferred	85	
Number of Actions Pending June 30, 1917	26,134	
		33,027

REMITTITURS FROM SUPREME COURT.

Remittiturs Filed—		
From April 18, 1906, to June 30, 1917		1,557
Remittiturs Filed—		
From July 1, 1916, to June 30, 1917		208
Remittiturs Affirmed	112	
Remittiturs Reversed	39	
Remittiturs Dismissed	57	
		208

JUSTICE COURT APPEALS.

Number of Appeals Filed—		
From April 18, 1906, to June 30, 1917		3,074
Number of Appeals Pending June 30, 1916	422	
Number of Appeals Filed—		
From July 1, 1916, to June 30, 1917	302	
		724
Number of Appeals Adjudicated	231	
Number of Appeals Dismissed	254	
Number of Appeals Pending June 30, 1917	239	
		724
Abstracts from Justice Court Filed—		
From April 18, 1906, to June 30, 1916	2,281	
From July 1, 1916, to June 30, 1917	217	
		2,498

QUIET TITLE DEPARTMENT.

(McEnerney Act.)

Number of Actions Filed—		
From June 16, 1906, to June 30, 1917		36,168
Number of Actions Pending June 30, 1916	769	
Number of Actions Filed—		
From July 1, 1916, to June 30, 1917	338	
		1,107
Number of Actions Adjudicated	409	
Number of Actions Pending June 30, 1917	698	
		1,107

PROBATE DEPARTMENT.

Fiscal Year	Estate Commenced					Restored	Missing Persons	LETTERS ISSUED					Totals
	Deceased		Guardianship										
	Testate	Intestate	Minor	Incompetent	Insane			Testamentary	Administration	Administration with Will	Special	Guardianship	
1906-1916	5,592	9,425	2,218	606	263	3,069	3	4,451	9,161	1,169	1,027	2,903	21,176
1916-1917	631	876	184	86	23	15		541	822	141	73	260	1,815
Totals	6,223	10,301	2,402	692	286	3,084	3	4,992	9,983	1,310	1,100	3,163	22,991

Number of Actions Pending June 30, 1916	12,068	
Number of Actions Filed from July 1, 1916, to June 30, 1917	1,815	
		13,883
Number of Actions Adjudicated	1,793	
Number of Actions Pending June 30, 1917	12,090	
		13,883

LICENSE DEPARTMENT.

CERTIFICATES RECORDED.

Fiscal Year	Marriage Licenses Issued	Medical	Dental	Optometry	Veterinary Certificates Filed	Osteopathy	Pharmacy	Miscellaneous	Chiropody
1906-1916	53,921	1,224	392	190	20	133	125	415	59
1916-1917	6,355	121	46	47	...	.....	13	25	10
Totals	60,276	1,345	438	237	20	133	138	440	69

NATURALIZATION DEPARTMENT.

		Totals.
Old Law—		
Declarations of Intention Issued:		
From April 18, 1906, to September 30, 1906		572
Naturalization of Aliens:		
From April 18, 1906, to September 30, 1906		148
New Law—		
Declarations of Intention Issued:		
From October 1, 1906, to June 30, 1916	9,225	
From July 1, 1916, to June 30, 1917	249	
		9,474
Certified Copies of Declarations of Intention Issued:		
From October 1, 1906, to June 30, 1916	260	
From July 1, 1916, to June 30, 1917	16	
		276
Declarations of Intention Cancelled:		
From October 1, 1916, to June 30, 1917		10
Naturalization Petitions Filed:		
From October 1, 1906, to June 30, 1917		14,645
Naturalization Petitions Pending June 30, 1916	660	
Naturalization Petitions Filed:		
From July 1, 1916, to June 30, 1917	1,732	
		2,392
Naturalization Petitions Granted	1,643	
Naturalization Petitions Denied	100	
Naturalization Petitions Cancelled	----	
Naturalization Petitions Pending June 30, 1917	649	
		2,392
Certified Copies of Certificates of Naturalization Issued:		
From October 1, 1906, to June 30, 1916	155	
From July 1, 1916, to June 30, 1917	29	
		184

RESTORATION OF NATURALIZATION RECORDS.

(Old Law.)

Petitions Filed—		
From April 18, 1906, to June 30, 1917		6,645
Petitions Pending June 30, 1916	180	
Petitions Filed—		
From July 1, 1916, to June 30, 1917	391	
		571
Petitions Granted	311	
Petitions Denied	8	
Petitions Cancelled	-----	
Petitions Pending June 30, 1917	252	
		571
Naturalization Records Cancelled by the U. S. Court—		
To June 30, 1917		74

CRIMINAL DEPARTMENT.

		Totals.
Total Number of Criminal Actions Filed from April 18, 1906, to June 30, 1917		8,651
Informations Pending June 30, 1916 (Defendants)	262	
Informations Filed Year Ending June 30, 1917 (610). Defendants	694	
		956
Convicted and Sent to Prison	223	
Convicted and Fined	3	
Acquitted	103	
Dismissed	106	
Convicted and Admitted to Probation	166	
Transferred from Juvenile Court	2	
Reserve Calendar—Being Fugitives from Justice, Committed to Insane Asylum or Convicted on Other Charges	30	
Committed to Preston School of Industry	7	
Pending	316	
		956
Probation Revoked and Set Aside (Defendants Committed to Prison)		9
Accusation Pending		2
Indictments Pending June 30, 1916 (Defendants)	147	
Indictments Filed Year Ending June 30, 1917 (52). Defendants	140	
		287
Convicted and Sent to Prison	23	
Acquitted	7	
Dismissed	14	
Probation	11	
Preston	2	
Pending	230	
		287
Writs of Habeas Corpus:		
Writs Pending June 30, 1916	40	
Writs Issued Year Ending June 30, 1917	91	
		131
Writs Granted	29	
Writs Denied	27	
Writs Dismissed	17	
Writs Withdrawn	3	
Writs Pending	55	
		131
Commitments from Police Court Filed—		
From April 18, 1906, to June 30, 1916	5,398	
From July 1, 1916, to June 30, 1917	685	
		6,083
Appeals from Police Court—		
Appeals Pending June 30, 1916	14	
Appeals Filed from July 1, 1916, to June 30, 1917	39	
		53

		Totals.
Appeals Affirmed	11	
Appeals Modified	3	
Appeals Reversed	24	
Appeals Pending	14	
Appeals on Reserve Calendar	1	
		53
Appeals to Supreme Court and District Court of Appeals—		
Appeals Pending June 30, 1916	8	
Appeals Filed from July 1, 1916, to June 30, 1917	16	
		24
Appeals Affirmed	9	
Appeals Reversed	....	
Appeals Dismissed	1	
Appeals Withdrawn	2	
Appeals Pending	12	
		24
Number of Coroner's Testimony of Inquests Filed—		
From April 18, 1906, to June 30, 1916	4,768	
From July 1, 1916, to June 30, 1917	782	
		5,550

JUVENILE COURT.

		Totals.
Petitions for Commitment of Dependent Children—		
Total Number of Petitions Filed from April 18, 1906, to June 30, 1917 (7,795), Number of Children		10,811
Total Number of Petitions Filed from July 1, 1916, to June 30, 1917, (908), Number of Children		1,362
Total Number of Dependent Children Under the Jurisdiction of the Juvenile Court from July 1, 1916, to June 30, 1917		1,466
Number of Delinquency Cases Filed—		
From July 1, 1912, to June 30, 1917		3,642
Number of Cases Pending June 30, 1916	30	
Number of Cases Filed—		
From July 1, 1916, to June 30, 1917	908	
		938
Number of Cases Adjudicated	280	
Number of Cases Dismissed	300	
Number of Cases Ordered Off Calendar	320	
Number of Cases Pending June 30, 1917	38	
		938
Number of Contributory Cases Filed—		
From July 1, 1912, to June 30, 1917		376
Number of Cases Pending June 30, 1916	6	
Number of Cases Filed—		
From July 1, 1916, to June 30, 1917	160	
		166
Number of Cases Adjudicated	53	
Number of Cases Dismissed	88	
Number of Cases Ordered Off Calendar	7	
Number of Cases Pending June 30, 1917	18	
		166

STATE HOSPITAL DEPARTMENT.

		Totals.
Number of Examinations of Insane Persons—		
From April 18, 1906, to June 30, 1916	6,594	
From July 1, 1916, to June 30, 1917	729	
		7,323
Number Committed to State Hospital—		
From April 18, 1906, to June 30, 1916	4,791	
From July 1, 1916, to June 30, 1917	586	
		5,377
Number Examined and Discharged—		
From April 18, 1906, to June 30, 1916	1,793	
From July 1, 1916, to June 30, 1917	143	
		1,936
Died—		
From April 18, 1906, to June 30, 1916	10	
From July 1, 1916, to June 30, 1917	5	
		15
Number of Persons (Insane) Discharged from State Hospital—		
From April 18, 1906, to June 30, 1916	1,861	
From July 1, 1916, to June 30, 1917	105	
		1,966

COMMITMENTS TO STATE HOSPITAL FOR INTEMPERANCE AND USE OF DRUGS.

Number of Examinations—		
From July 1, 1911, to June 30, 1916	1,573	
From July 1, 1916, to June 30, 1917	452	
		2,025
Number Committed to State Hospital—		
From July 1, 1911, to June 30, 1916	1,316	
From July 1, 1916, to June 30, 1917	287	
		1,603
Number Discharged by Commissioners—		
From July 1, 1911, to June 30, 1916	256	
From July 1, 1916, to June 30, 1917	165	
		421
Number Discharged from State Hospital—		
From July 1, 1911, to June 30, 1916	861	
From July 1, 1916, to June 30, 1917	30	
		891

HOME FOR FEEBLE MINDED.

Number of Examinations—		
From April 18, 1906, to June 30, 1916	243	
From July 1, 1916, to June 30, 1917	23	
		266
Committed to Feeble Minded Home—		
From April 18, 1906, to June 30, 1916	241	
From July 1, 1916, to June 30, 1917	23	
		264
Number Examined and Discharged—		
From July 1, 1907, to June 30, 1916	2	
From July 1, 1916, to June 30, 1917	....	
		2

POLICE COURT.

		Totals.
Number of Misdemeanors Filed—		
From January 1, 1912, to June 30, 1917		132,778
Number of Misdemeanors Pending June 30, 1916	559	
Number of Misdemeanors Filed—		
From July 1, 1916, to June 30, 1917	29,099	
		29,658
Number of Misdemeanors Dismissed	25,695	
Number of Convictions	3,154	
Number of Misdemeanors Pending June 30, 1917	809	
		29,658
Number of Felonies Filed—		
From January 1, 1912, to June 30, 1917		14,915
Number of Felonies Pending June 30, 1916	787	
Number of Felonies Filed—		
From July 1, 1916, to June 30, 1917	2,714	
		3,501
Number of Felonies Held to Answer	685	
Number of Felonies Dismissed	1,586	
Number of Felonies Pending June 30, 1917	1,230	
		3,501

APPEALS.

Appeals Taken from July 1, 1912, to June 30, 1917		247
Appeals Pending June 30, 1916	14	
Appeals Taken from July 1, 1916, ot June 30, 1917	39	
		53
Appeals Affirmed	11	
Appeals Modified	3	
Appeals Reversed	24	
Appeals Dismissed	....	
Reserve Calendar	1	
		53
Appeals Pending June 30, 1917	14	

Report of Civil Service Commission

San Francisco, July 31, 1917.

To His Honor, The Mayor.

Sir:—In accordance with the provisions of Section 9, Article XVI of the Charter, the Civil Service Commissioners present herewith a report of the operations of their department for the fiscal year ended June 30, 1917.

During said fiscal year the Commission held forty-five regular meetings and one hundred and twenty-seven special meetings. The applications of seventy-two laborers were registered, and thirty examinations were held in which a total of one thousand and ninety-eight applicants were examined.

The following is a schedule of the examinations held:

Name of Examination	Date—1916	Filed	Examined	Passed	Failed
Lieutenants, Fire Department	Aug. 3-4	323	296	13	283
Battalion Chiefs, Fire Department	Aug. 15	43	38	3	35
Social Service Workers	Sept. 28	100	98	15	83
Superintendent of Laundry	Nov. 16	10	10	0	10
Chief Telephone Operator	Nov. 23	24	20	10	10
Superintendent of Laundry	Dec. 7	12	11	5	6
Elevator Operators	Dec. 14	105	100	14	86
Bricklayers	Dec. 15	10	10	8	2
Carpenters	Dec. 15	117	117	86	31
Cement Finishers	Dec. 15	32	32	17	15
Chief Cooks	Dec. 15	11	11	9	2
Cooks	Dec. 15	13	13	8	5
Engineers of Hoisting and Portable Engines	Dec. 15	28	28	19	9
Gardeners	Dec. 15	14	14	5	9
Painters	Dec. 15	26	26	15	11
Plumbers	Dec. 15	60	60	45	15
Farmers	Dec. 15	1	1	0	1
Firemen of Stationary Steam Engines	Dec. 15	97	97	64	33
Kitchen Helpers	Dec. 15	3	3	0	3
Laundry Workers	Dec. 15	12	12	7	5
Milkers	Dec. 15	2	2	2	0
Waitresses	Dec. 15	12	12	7	5
	1917				
Expert Searchers, Tax Collector's Office	Jan. 4	15	14	7	7
Consulting Structural Engineer, Bureau of Building Inspection, Board of Public Works	Jan. 6	6	6	6	0
Plant Electrician	Mar. 22	27	27	5	22
Pharmacists	May 12	6	6	4	2
Plumbing Inspectors	May 19	9	9	5	4
Chemists, Medical Service	May 26	2	2	2	0
Women Protective Officers	June 20	24	23	(a)	(a)
Hospital Stewards	June 30	7	(b)	(b)	(b)

(a) Rating of papers not yet completed.

(b) Cancelled because of lack of applicants.

The scopes of the foregoing examinations were as follows:

Lieutenant, Fire Department:

Subject.	Weight.
General Knowledge of Duties	50
Writing of Reports	25
Form of Reports	5
Seniority of Service	10
Ascertained Merit	10
Total weight	100

Battalion Chiefs, Fire Department:

Subject.	Weight.
General Knowledge of Duties	15
Fire Fighting	10
Fire Prevention	10
Fire Ordinances	10
Building Laws	10
Writing of Reports	20
Form of Reports	5
Seniority of Service	10
Experience as a Captain	5
Ascertained Merit	5
Total weight	100

Social Service Workers:

Subject.	Weight.
Personality and Fitness	30
Experience	30
Written Test	40
Total weight	100

Chief Telephone Operator:

Subject.	Weight.
Experience	40
Fitness and Executive Ability	30
Knowledge of Duties	30
Total weight	100

Superintendent of Laundry:

Subject.	Weight.
Care of Laundry Plant and Equipment	15
Accounting and Management	15
Chemistry of Laundering	15
Laundry Work	15
Experience	25
Personality and Fitness	15
Total weight	100

Elevator Operators:

Subject.	Weight.
General Knowledge of Duties	30
Personality and Fitness	25
Physical Excellence	20
Experience as an Elevator Operator	25
Total weight	100

Expert Searchers, Tax Collector's Office:

Subject.	Weight.
General Knowledge of Duties (including the City Charter on duties of Tax Collector and Chapter VII of the Political Code)	20
Arithmetic	20
Penmanship	10
Personality and Fitness	20
Experience	30
Total weight	100

Consulting Structural Engineer, Bureau of Building Inspection, Board of Public Works:

Subject.	Weight.
Education and Training	20
Responsible General Experience	20
Responsible Local Experience	10
Personility and Fitness	20
Written Examination	30
Total weight	100

Plant Electrician:

Subject.	Weight.
General Knowledge of Duties	50
Training and Experience	25
Personality and Fitness	25
Total weight	100

Pharmacists:

Subject.	Weight.
General Knowledge of Duties	40
Writing of Report	20
Experience	20
Personality and Fitness	20
Total weight	100

Plumbing Inspecotrs:

Subject.	Weight.
General Knowledge of Duties	40
Writing of Report	20
Experience	20
Personality and Fitness	20
Total weight	100

Chemists (Medical Service):

Subject.	Weight.
General Knowledge of Duties	40
Writing of Report	20
Experience	20
Personality and Fitness	20
Total weight	100

Women Protective Officers (Including Women Jail Guards):

Subject.	Weight.
Personality and Fitness (including experience, education, personal history, personal appearance, address and general fitness)	40
General Knowledge of Duties	40
Writing of Report	15
Arithmetic	5
Total weight	100

Hospital Stewards:

Subject.	Weight.
General Knowledge of Duties	35
Writing of Report	10
Personality and Fitness	25
Training and Experience	30
Total weight	100

In the following non-educational examinations, the subjects and weights on a scale of 100 were: Training and Experience, 40; Physical Excellence, 30; Personality and Fitness, 30:

Bricklayers.
Carpenters.
Cement Finishers.
Crief Cooks.
Cooks.
Engineers of Hoisting and Portable Engines.
Gardeners.
Painters.
Plumbers.

In the following non-educational examinations, the subjects and weights on a scale of 100 were: Experience, 40; Physical Excellence, 30; Personality and Fitness, 30:

Farmers.
Firemen of Stationary Steam Engines.
Kitchen Helpers.
Laundry Workers.
Milkers.
Waitresses.

Examinations were set to be held in January of this year for Civil Engineers, Mechanical Engineers, Supervising Civil Engineers, and Supervising Mechanical Engineers, but these examinations were postponed at the request of City Engineer

O'Shaughnessy, who stated that some of his most efficient engineers were engaged on the construction of the Hetch Hetchy project outside of the City of San Francisco and that it would be an injustice to these men to hold these examinations before they could come to the city to participate in them.

From July 1, 1916, to June 30, 1917, twelve hundred and one certifications covering both permanent and temporary appointments were made by the Commission as follows:

Department. Class.	Number Certified.	
Assessor—		
General Clerks	216	
		216
Auditor—		
General Clerks	37	
Ordinary Clerks	14	
Stenographer-Typewriters	1	
		52
Board of Health—		
Chauffeurs	13	
Chief Sanitary Inspector	1	
Cooks	3	
Engineers of Stationary Steam Engines	2	
General Clerks	3	
Graduate Nurses	13	
Hospital Stewards	25	
Laundry Workers	1	
Milkers	2	
Plant Electricians	1	
Seamstresses	2	
Social Service Workers	8	
Superintendent of Laundry	1	
Telephone Operators	4	
Watchmen	4	
		83
Board of Public Works—		
Asphalt Workers	5	
Bricklayers	3	
Carpenters	16	
Car Repairers	3	
Cement Finishers	2	
Cement Finishers' Helpers	3	
Chauffeurs	6	
Conductors, Municipal Railways	27	
Consulting Structural Engineer, Bureau of Building Inspection	1	
Cribbers	1	
Elevator Operators	2	
Engineers of Stationary Steam Engines	5	
Firemen of Stationary Steam Engines	1	
General Clerks	3	
Granite Cutters	1	
Inside Wiremen	2	
Inspectors, Municipal Railways	4	
Inspectors of Buildings	1	
Inspectors of Streets and Sewers	1	

Department. Class.	Number Certified.	
Janitors	46	
Laborers	26	
Linemen	1	
Machinists	2	
Motormen, Municipal Railways	41	
Ordinary Clerks	1	
Painters	66	
Pavers	13	
Photographers	1	
Photostat Operators	2	
Plumbers	4	
Railroad Trackmen	19	
Rammers	5	
Steamfitters	2	
Steamfitters' Helpers	1	
Stenographer-Typewriters	7	
Surveyors' Field Assistants	1	
Telephone Operators	3	
Tinners	4	
Watchmen	7	
		339
Board of Supervisors—		
Chief Telephone Operators	1	
Telephone Operators	5	
		6
Coroner—		
Hospital Stewards	3	
		3
Department of Electricity—		
Batterymen	1	
Inside Wiremen	1	
Inspectors	1	
Laborers	6	
Linemen	10	
Painters	1	
Telephone Operators	2	
		22
Election Commission—		
Carpenters	4	
Copyists	2	
General Clerks	188	
Laborers	3	
Ordinary Clerks	57	
Stenographer-Typewriters	4	
		258
Fire Commission—		
Blacksmiths	1	
Captains	3	
Engineers of Fire Engines	3	
Engineers of Stationary Steam Engines	3	
Firemen Div. E, (Class I.)	38	
Firemen of Stationary Steam Engines	1	

Department. Class.	Number Certified.	
Laborers	1	
Lieutenants	2	
Machinists	3	
Marine Engineers	3	
Marine Stokers	7	
Pilots	1	
Stenographer-Typewriters	2	
Watchmen	2	
		70
Police Commission—		
Captains	1	
Corporals	8	
Lieutenants	9	
Photographers	1	
Policemen	27	
Sergeants	8	
Stenographer-Typewriters	2	
Telephone Operators	4	
		60
Recorder—		
General Clerks	1	
		1
Sheriff—		
Chauffeurs	1	
Deputies	2	
Jailers	6	
Stenographer-Typewriters	1	
		10
Tax Collector—		
Expert Searchers	3	
General Clerks	55	
Ordinary Clerks	23	
		81

The following is a list, by departments and classes, of Civil Service employees who have received appointment through Civil Service examination and were in the employ of the city on June 30, 1917:

Department. Class.	Number Employed.	
Assessor—		
General Clerks	89	
		89
Auditor—		
Assistant Deputies	2	
Experienced Clerks	8	
Ordinary Clerks	3	
Stenographer-Typewriters	2	
Telephone Operators	1	
		16

Department. Class.	Number Employed.	
Board of Health—		
Ambulance Drivers	13	
Butchers	1	
Chauffeurs	4	
Chemists	1	
Chief Sanitary Inspector	1	
Cooks	15	
Dairy Inspectors	1	
Disinfectors	2	
Elevator Operators	3	
Engineers of Stationary Steam Engines	7	
Experienced Clerks	7	
Farmers	2	
Firemen of Stationary Steam Engines	4	
Food Inspectors	2	
Gardeners	2	
General Clerks	4	
Graduate Nurses	52	
Health Inspectresses of Schools	8	
Health Officer	1	
Hospital Stewards	33	
Industrial Inspectors	1	
Laboratory Assistants and Apprentices	1	
Laundry Workers	9	
Market Inspectors	8	
Matrons	6	
Milkers	2	
Pantryworkers and Waiters	8	
Pharmacists	1	
Plant Electricians	1	
Plumbing Inspectors	5	
Sanitary Inspectors	5	
Seamstresses	5	
Social Service Workers	7	
Stenographer-Typewriters	7	
Superintendent of Laundry	1	
Superintendent of the Alms House	1	
Superintendent, San Francisco Hospital	1	
Telephone Operators	6	
Tenement House Inspectors	2	
Veterinarians	4	
Waitresses	4	
Watchmen	10	
		258
Board of Public Works—		
Asphalt Workers	62	
Assistant Civil Engineers	27	
Blacksmiths	2	
Blacksmiths' Helpers	2	
Bookkeepers	2	
Bricklayers	8	
Carpenters	29	
Carpenters' Helpers	2	

Department. Class.	Number Employed.
Board of Public Works—Continued.	
Car Repairers	30
Carriage and Wagon Painters	10
Cement Finishers	6
Cement Finishers' Helpers	6
Chauffeurs	6
Conductors, Municipal Railways	250
Consulting Structural Engineer, Bureau of Building Inspection	1
Cribbers	23
Elevator Operators	18
Engineering Chemists	1
Engineering Draftsmen	22
Engineers of Hoisting and Portable Engines	6
Engineers of Stationary Steam Engines	16
Engineers of Steam Rollers	5
Experienced Clerks	26
Firemen of Stationary Steam Engines	6
General Clerks	15
Glaziers	2
Granite Cutters	15
Hodcarriers	8
Inside Wiremen	3
Inspectors, Municipal Railways	16
Inspectors of Buildings	20
Inspectors of Complaints	2
Inspectors of Side Sewers	1
Inspectors of Streets and Sewers	50
Janitors	74
Laborers	335
Linemen	4
Locksmiths	2
Machinists	4
Messengers	1
Motormen, Municipal Railways	253
Office Deputies	1
Ordinary Clerks	5
Painters	32
Pavers	24
Photographers	1
Photostat Operators	2
Plumbers	14
Quarry Drillers	9
Railroad Trackmen	72
Rammers	11
Sewer Cleaners	15
Ship and Machine Blacksmiths	2
Ship and Machine Blacksmiths' Helpers	2
Side Sewermen	30
Steamfitters	2
Stenographer-Typewriters	18
Street Sweepers	136
Superintendent of Stone Pavement	1
Surveyors	9
Surveyors' Field Assistants	49

Department. Class.	Number Employed.	
Board of Public Works—Continued.		
Telephone Operators	2	
Tinners	8	
Tinners' Helpers	4	
Watchmen	37	
		1,857
Board of Supervisors—		
Chief Telephone Operators	1	
Stenographer-Typewriters	1	
Telephone Operators	4	
		6
Civil Service Commission—		
General Clerks	2	
Stenographer-Typewriters	3	
		5
Coroner—		
Hospital Stewards	1	
		1
County Clerk—		
Copyists	7	
		7
Department of Electricity—		
Batterymen	1	
Fire Alarm Operators	9	
General Clerks	1	
Hostlers	1	
Inspectors	9	
Instrument Makers	6	
Laborers	4	
Linemen	20	
Machinists	1	
Ordinary Clerks	1	
Painters	1	
Repairers	2	
Splicers	1	
Stenographer-Typewriters	1	
Telephone Operators	5	
		63
Election Commission—		
Carpenters	5	
Deputies	8	
General Clerks	1	
Ordinary Clerks	12	
Stenographer-Typewriters	2	
Watchmen	1	
		29
Fire Commission—		
Assistant Chief Engineers	2	
Battalion Chiefs	10	
Blacksmiths	3	
Blacksmiths' Helpers	2	
Boilermakers	2	
Boilermakers' Helpers	2	
Captains	64	

Department. Class.	Number Employed.	
Fire Commission—Continued.		
Carriage, Wagon and Automobile Woodworkers	2	
Carriage and Wagon Painters	1	
Engineers of Fire Engines	34	
Engineers of Stationary Steam Engines	7	
Firemen (Div. E, Class I)	502	
Firemen of Stationary Steam Engines	7	
Harnessmakers	1	
Horseshoers	3	
Hostlers	7	
Hydrantment	3	
Laborers	3	
Lieutenants	74	
Machinists	8	
Marine Engineers	10	
Marine Stokers	10	
Patternmakers	1	
Pilots	5	
Pipe Caulkers	1	
Steamfitters	1	
Stenographer-Typewriters	2	
Superintendent of Engines	1	
Superintendent of High Pressure System	1	
Watchmen	5	
		774
Fire Pension Fund Commission—		
Secretary	1	
		1
Justices' Clerk—		
General Clerk	1	
		1
Police Commission—		
Captains	10	
Chauffeurs	3	
Cooks	1	
Corporals	55	
Hostlers	8	
Lieutenants	19	
Marine Engineers of Gasoline Engines	3	
Matrons	4	
Photographers	1	
Policemen	601	
Police Patrol Drivers	23	
Secretary	1	
Sergeants	65	
Stenographer-Typewriters	3	
Telephone Operators	4	
Women Protective Officers	3	
		804
Police Courts—		
Court Stenographers	4	
		4
Police Pension Fund Commission—		
Secretary	1	
		1

Department. Class.	Number Employed	
Recorder—		
General Clerk	1	
Machinist	1	
		2
Sheriff—		
Chauffeurs	1	
Cooks	1	
Deputies	2	
Jailers	12	
Matrons	1	
Stenographer-Typewriters	1	
Women Protective Officers	1	
		20
Tax Collector—		
Deputies	26	
Expert Searchers	2	
General Clerks	6	
Ordinary Clerks	1	
Stenographer-Typewriters	1	
		36

The total number of city employes under civil service on June 30, 1917, including those that came under civil service by Charter provision, was forty-five hundred and ninety-nine. Of this number thirty nine hundred and seventy-two received appointment through civil service examination. In addition, several hundred temporary positions are filled each year by civil service clerks, mechanics and laborers.

From July 1, 1916, to June 30, 1917, the Commissioned checked and approved eight hundred and eleven pay rolls, containing an aggregate of seventy-four thousand nine hundred and seventy-one items.

On April 23 of the present year the Board of Supervisors of the City and County adopted a resolution requesting the Civil Service Commission at its earliest convenience to prepare and submit a plan for the standardization of service, the grading of positions, and a schedule of salaries to be paid to all civil-service employes of the City and County, together with recommendations as to the means to be taken to make its plan effectual. Acting under the resolution, the Commission, through its Inspection Department, made a preliminary survey of the work to be done in regard to the standardization of salaries. The preliminary survey has been practically completed, and it shows this work to be of such magnitude that it was impossible during the present fiscal year to devise any plan which would serve to standardize the salaries of the employes of the various departments of the municipal government. The Commission is proceeding with the work, and hopes to submit a plan at an early date.

Accompanying this report is a booklet (publication No. 15), containing our rules and classification as in effect June 30, 1917.

Yours respectfully,

E. A. WALCOTT,
Commissioner.

B. B. ROSENTHAL,
Commissioner.

JNO. J. O'TOOLE,
President.

Attest: JAS. J. MAHER,
Chief Examiner and Secretary.

Department of Weights and Measures

July, 1917.

Hon James Rolph, Jr.,

Mayor of San Francisco, and
Hon. Board of Supervisors.

Gentlemen: In accordance with Section 9, Article 15, of the Charter of the City and County of San Francisco, I have the honor to transmit herewith the report of the Department of Weights and Measures, beginning July 1, 1916, and ending June 30, 1917.

Respectfully submitted,

LAWRENCE J. DOLAN,
Sealer Weights and Measures.

The office of Sealer of Weights and Measures underwent a complete change of deputies in February of last year, but it is at this date gratifying to me to report that the department is now in a state of efficiency in the fullest sense, to cope with the numerous problems encountered in this line of work. Due to the instituting of a Charter Amendment to the people on August 26th, last, by your honorable Board, which was ratified by a handsome vote of 81,893, the department is now operative under civil service provisions that will insure a continuance of its present efficiency.

The increase in the work performed in the inspection of apparatus during the past year, shown in the following tabulation, is noticeable as compared with the previous year when the changes in my force of deputies took place.

Type Scale	Approved	Condemned	Confiscated
Counter scales	2,008	217	100
Spring scales	5,728	598	117
Computing scales	1,779	204	29
Platform scales	2,308	678	41
Total	11,823	1,697	287
Measures (liquid)	8,478	406	406
Measures (lineal)	21,227	804	804
Total	29,705	1,210	1,210

	Total	Condemned	Confiscated
Weights	14,317	829	829
Pumps	561	45	
Merchandise in packages reweighed and measured	31,893	4,919	1,241
Milk Bottles	4,231,910	1,037	

GRAND TOTALS.

Scales	13,520
Measures	30,915
Weights	15,156
Packages	606
Packages	36,812
Milk bottles	4,231,910
Arrests and prosecutions	53
Fines	$1,185.00

The work carried on by this department during the past year in eliminating types of scales and measuring devices faulty in construction, has produced excellent results. Approximately 1,500 scales of this type were condemned and returned to eastern manufacturers, and in future nothing but the highest type constructed apparatus will be permitted to go into circulation in San Francisco.

For authority to make such eliminations we are indebted to the 1916 Tolerance and Specifications, issued by Chas. G. Johnson, State Superintendent of Weights and Measures; these specifications govern the manufacture of every scale, weight or measure permitted to be sold in California.

The original object in the creation of the office of Sealer of Weights and Measures was to secure the enforcement of the State law governing the testing

and sealing of all devices used for the purpose of weighing and measuring commodities bought and sold.

In many parts of the United States this is considered the all important work of a sealer, but from experience and serious application to the work in this department, the fact has become recognized that the most important service of a sealer is to see to it that all devices in use are employed in an honest way, and that each and every article, commodity, merchandise or thing that is purchasable, shall reach the buyer in standard weights and measure and as represented by the seller to be and contain.

To cover this vital feature of business it has not only required frequent reinspections of apparatus but entailed a lot of time of the department in following up complaints daily made to me, that must in each instance terminate in a full and satisfactory adjustment to the injured party and often in a prosecution of the offender.

While the great majority of merchants are willing to co-operate with this department and are doing business honestly, there are, as facts prove, a small minority who are at all times willing to take advantage of their opportunity to indulge in petty frauds.

To reduce these dishonest practices to a minimum I have to keep almost constantly delegated two or more of my deputies who follow up investigations of complaints, and who from time to time, re-affirm the honesty or establish the guilt, as the case may be, through purchases of wares from such places of business under suspicion.

Deputies are constantly active in protecting the public in the purchase of coal. During the past year, while engaged in inspection work in districts, their duty has been when observing a delivery of coal, to stop the wagon and weigh up the load and check the driver's delivery tags which he is compelled by ordinance to have with him.

This activity of the department, and the knowledge which offending coal dealers have of deputy sealers pursuing an active warfare on this form of cheating, acts as a deterring feature in the practice of fraud. The saving to the purchasers of coal made by this office in preventing deception in the sale of this commodity alone, I feel justified in saying, will amount to a sum sufficient to maintain the department.

The Bread Ordinance No. 2698, instituted by your honorable Board April 8, 1914, and amended May 7, 1917, standardizing bread weight to 12 ounces, has without doubt proven to be one of the most beneficial laws enacted in San Francisco in the interest of the public.

It will be recalled that early in the year 1915, due to foreign demand for American wheat on account of the European war, flour advanced in price and is today still selling at an enormous figure. Were there no weight regulations for the manufacture of bread in San Francisco, the ready recourse of the bakers would have been to reduce the weight, and the size, in my judgment, would have fluctuated between 8 and 9 ounces to the loaf.

Repeated requests were filed with this department by the bakers to recommend to your Board the suspension of the Ordinance and refused; similar appeals were made by them to your honorable Board direct and also refused.

I am strongly opposed to any commodity being sold in the avenues of trade upon the fluctuation of its weight, as it is an easy way of deceiving the public. The price of an article as an article is an understood feature with the pur-

chaser, but the trading in weight to fit the price is not understood by most consumers.

Considering that there is sold in San Francisco 300,000 loaves of bread daily it would have given the consumer an 8 or 9 ounce loaf, for the period of two years, March, 1915, to March, 1917, had the Ordinance been suspended. Therefore, during the above period the Ordinance saved the people at least 3 ounces on each loaf daily, or a total financial saving of $2,737,500 on a basis of 5c per loaf, the price prevalent to March, 1917.

A large number of housewives and consumers availed themselves of the opportunity last year of having a Weights and Measure Department where they could file their complaints of the deceptions practiced on them in the sale of merchandise by unscrupulous vendors, and in every case a careful investigation was made. Some of the worst offenders were prosecuted and convicted, while the less offensive cases were satisfactorily adjusted.

While satisfied that the majority of merchants are honest and willing to cooperate with this department in its efforts to efface deceit and fraud, especially in the sale of articles recognized as the necessities of life, the activity and work the department has performed has brought about a conviction in the minds of all classes of trades people that not only accuracy in weight and measure must prevail in San Francisco, but every article oof merchandise or commodity that is purchasable by the public must be honestly dealt out, and that willful violations of the laws that are created to protect the consumer in a fight where the unscrupulous have all the advantage will be taken up by your Sealer of Weights and Measures in Court prosecutions to right such wrongs.

Recorder's Annual Report

FISCAL YEAR ENDING JUNE 30, 1917.

San Francisco, July 26, 1917.

To the Honorable,

The Mayor and the Board of Supervisors,
City and County of San Francisco.

Gentlemen: Pursuant to Charter provisions (Article XVI, Section 9), I beg to submit herewith a detailed report of the operations in the Recorder's office for the fiscal year ending June 30, 1917.

PAPERS FILED.

Fiscal year ending June 30, 1917	47,933
Fiscal year ending June 30, 1916	47,406
Increase in 1916-1917	527

Of the more important paper, the filings were as follows:

	1915-16	1916-17
Deeds recorded	10,627	10,941
Mortgages	7,243	7,275
Deeds of Trust	2,612	2,933
Leases	463	381
Builder's Contracts	1,028	849
Releases	4,446	4,743

Marriages: Total, 6,293; embracing 5,716 white, 501 Japanese, 39 Chinese, 37 colored.

The 5,716 marriages of white persons included 2,052 Protestant, 1,602 Catholic, 215 Hebrew, and 1,847 civil.

CASH ACCOUNT FISCAL YEAR 1916-1917.

Cash receipts	$74,808.70
Expenditures	65,737.44
Surplus	$ 9,071.26

In addition to the receipts for Recorder's fees, as above, there was collected as desk rentals during the year the sum of $570. This amount was duly paid to the Treasurer as a special account, and is not further considered in the department's operations.

Since the comencement of the new charter era (January 8, 1900), which was also the beginning of my incumbency, the cash statement of the department is as follows:

	Papers	Total Receipts	Total Expenses	Surplus
1900-01	25,776	$ 39,584.45	$33,852.00	$ 5,732.45
1901-02	29,242	45,539.60	39,040.00	6,499.04
1902-03	35,112	54,077.70	43,000.00	11,077.70
1903-04	37,337	57,537.45	43,900.00	13,637.45
1904-05	41,360	63,330.85	43,900.00	19,430.85
1905-06	40,434	62,143.30	40,935.68	21,207.62
1906-07	54,070	83,978.90	56,113.20	27,865.70
1907-08	55,729	85,884.55	61,262.49	24,622.06
1908-09	64,513	105,619.90	70,400.00	35,219.90
1909-10	57,673	97,813.40	71,472.55	26,340.85
1910-11	65,291	107,218.15	73,400.00	33,818.15
1911-12	56,551	95,534.25	75,522.43	20,011.82
1912-13	57,903	91,710.90	72,817.89	18,893.01
1913-14	55,552	76,221.65	65,941.31	10,280.67
1914-15	46,198	72,720.85	62,899.02	9,821.83
1915-16	47,406	72,874.25	62,202.96	10,671.29
1916-17	47,933	74,808.70	65,737.44	9,071.26
				$304,201.65

MONTHLY RECEIPTS PAID INTO THE TREASURY.

1916—July		$ 6,174.30
	August	5,676.15
	September	5,973.00
	October	6,251.00
	November	6,600.00
	December	5,997.60
1917—January		6,260.40
	February	5,870.90
	March	7,038.75
	April	7,130.60
	May	6,167.35
	June	5,668.15
	Total	$74,808.70

MONTHLY STATEMENT OF SALARIES AS CHARGED AGAINST THE RECORDER'S APPROPRIATION.

1916—July		$ 5,297.88
	August	5,457.68
	September	5,621.28
	October	5,542.43
	November	5,694.03
	December	5,514.16
1917—January		5,412.23
	February	5,228.13
	March	5,734.43
	April	5,743.03
	May	5,377.03
	June	5,115.13
	Total	$65,737.44

RECAPITULATION.

Total Receipts for fiscal year 1916-1917	$74,808.70
Total Salaries for same period	65,737.44
Surplus to credit of department	$ 9,071.26

In addition to receipts for Recorder's fees, as above, there was also collected for desk rentals, and paid to the City Treasurer, a total of $570.

NUMBER OF INSTRUMENTS FILED AND RECORDED DURING FISCAL YEAR 1916-1917.

Instruments	Totals
Acceptances and Abandonments of Buildings	1,393
Agreements and Covenants	777
Architect's Certificates	8
Assignment of Mortgages	321
Attachments, Relaeses and Executions	650
Bills of Sale	445
Bonds	49
Builders Contracts and Bonds	849
Certificates of Redemption—State	76
Certificates of Residence	1
Certificates of Sale, Assignments, Redemptions	216
Decrees	267
Decrees Establishing Title	436
Deeds	10,941
Deeds of Trust	2,933
Election Expenses (statement of)	159
Homesteads, Declarations and Abandonments	355
Judgments, Transcripts, Satisfactions, etc	343
Leases, Assignments and Surrenders	381
Liens and Releases of Liens	1,460
Lis Pendens	617
Lis Pendens to Establish Title	363
Maps	22
Marriage Certificates and Licenses	6,293
Marriage Contracts	31
Miscellaneous	500
Mortgages of Personal Property	1,255
Mortgages of Real Property	7,275
Notices of Ownership	2
Notices of Sale	715
Partnerships, Limited	40
Powers of Attorney, Revocations, etc	226
Probates, Decrees of Distribution, etc	902
Reconveyances	2,178
Releases of Personal Property Mortgages	252
Releases of Real Property Mortgages	4,743
Separate Property of Wife	2
Sole Trader	3
Street Assessment Bonds	446
Tax Deeds	8
Total	47,933

In the fiscal year covered by this report, the Board of Supervisors enacted an amendment to the vacation ordinance which brings the copyists in my department within its provisions. Since their work is performed on a piece-work basis of compensation, it was necessary to make their vacation allowance by specific appropriation, and the ordinance allowed $50 for each copyist, this being equivalent to about two weeks' pay. The vacation enactment added $1,400 to the expenses of the department.

In December, 1916, the Assessor made demand upon this department for abstracts from the records of all real property mortgages and deeds of trust. Under the law the Recorder must furnish this data, though it has not been required by the Assessor for some years past. This made necessary the employment of an additional clerk. Since the department had been operating for several years with one clerk less than the charter allowance, the additional clerk merely made use of the equipment provided, no additional appropriation being necessary.

The new system of performing street work on the installment payment plan is bringing to the department an increasing number of street assessment bonds issued in connection with such operations. Under the law the Recorder receives no fees for filing and copying these bonds.

The vacation allowances, the data supplied by the Assessor, and the copying of street assessment bonds added about $2,200 to the expenses of the department in the past fiscal year, and reduced the net surplus to that extent, leaving, however, a balance of $9,071.26 of receipts in excess of salary expenditures.

The work in my department is, and at all times has been, up to the scheduled procedure. We continue to be greatly pleased with our quarters in the new City Hall, and will be pleased to have the office visited and examined at any time by your Honor and your honorable Board.

Very truly yours,

E. GODCHAUX,
County Recorder.

"A"

REPORT

OF THE

DEPARTMENT OF PUBLIC HEALTH

SAN FRANCISCO, CALIFORNIA

FOR THE

FISCAL YEAR JULY 1, 1916—JUNE 30, 1917

ARTHUR H. BARENDT, President.

GUY E. MANNING, M. D. — LAWRENCE ARNSTEIN.
A. P. O'BRIEN, M. D. — FRANK J. KLIMM.
GEORGE B. SOMERS, M. D. — ARTHUR M. SHARP.

WM. C. HASSLER, M. D., Health Officer.
GEO. M. CONVERSE, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

San Francisco, California, August 15, 1917.

Honorable James Rolph, Jr.,
Mayor, City and County of San Francisco.

Sir:—In conformity with the provisions of Section 9, Article XVI, of the Charter of the City and County of San Francisco, I have the honor to submit herewith a report of the Department of Public Health covering the fiscal year ending June 30, 1917.

In formulating its report for the two previous fiscal years, this Department adopted the recommendation of the American Public Health Association, namely that an effort be made to create a uniformity in the style of Health reports for American cities, and in this report we will follow the procedure thus inaugurated. We repeat here the plan of arrangement as set forth by the Public Health Association:

"A", Title page.
"B", Composition of the Board of Health.
"C", Financial Statement.
"D", Diseases Dangerous to Public Health.
"E", Infant Mortality.
"F", School Inspection.
"G", Food inspection.
"H", Nuisances.
"I", Municipal Wastes.
"J", Inspection of Plumbing.
"K", Research, Education and Publicity Work.
"L", Other Work Done During the Year.
"M", Rules Passed Since Last Report.
"N", Local Problems.
"O", Recommendations.
"P", Vital Statistics.

"A" TITLE PAGE

The title page of this report will show the following names as constituting the membership of this board:

Arthur H. Barendt, President

Guy E. Manning, M. D.	Lawrence Arnstein
A. P. O'Brien, M. D.	Frank J. Klimm
Geo. B. Somers, M. D.	Arthur M. Sharp

"B" COMPOSITION OF THE BOARD OF HEALTH

No change has taken place in the composition or the personnel of the Board since the previous fiscal year (three physicians, four laymen).

Doctor George B. Somers, whose term of office expired on December 23, 1916, was again re-appointed to serve for a period of seven years from said date.

Internal Organization.

The internal organization of the Health Department is as follows:

EXECUTIVE HEAD—HEALTH OFFICER

This official has general executive supervision over the following bureaus and divisions:

Bureau of Sanitation
Bureau of Laboratories
Clerical Division
Division of Accounts
Division of Dairy and Milk Inspection
Division of Food Inspection
Division of Meat and Market Inspection
Division of Plumbing Inspection
Division of Industrial Inspection
Division of Tenement House Inspection
Division of School Health Inspection
Division of Public Charities, which includes
- City Physician
- Social Service Workers
- Inspector of Indigents
- Emergency Hospitals
- San Francisco Hospital (General)
- Tuberculosis Hospital
- Isolation Hospitals
- Relief Home for Aged and Infirm.

"C" FINANCIAL STATEMENT

An exhaustive compilation of the expenditures of the entire department, including Central Office, Special Sanitation, Emergency Hospitals, San Francisco Hospital, Isolation Hospital and Relief Home for Aged and Infirm appears on pages 587 to 598 (Table No. 1).

"D" DISEASES DANGEROUS TO THE PUBLIC HEALTH

Sub. 1. Methods for Protection of the Community.

Quarantinable Diseases.

Diphtheria—Quarantine period not less than ten days from date of notification to the Health Office, usual length of quarantine twenty-eight days. Two successive "Negative" swabs taken five days apart must be shown before quarantine can be raised and disinfection performed. All contacts of school age are excluded from school during period of quarantine.

Scarlet Fever—Four weeks from date of report of case to Health Office. All contacts excluded from school.

Poliomyelitis (Infantile Paralysis)—Largely within the discretion of the Health Officer. At least thirty days from date of report of case to Health Office; longer when deemed necessary to adequately protect the public. Contacts rigidly excluded from school.

Smallpox—Police quarantine on premises, where cases are not removed to Isolation Hospital, such quarantine maintained until complete recovery is established.

Non-quarantinable Diseases.

The following diseases, while coming under the heading of "reportable" cases, are not subject to house quarantine, but periods of exclusion from school for patients and "contacts" are fixed as follows:

Measles—Three weeks from date of report.

Parotitis (Mumps)—Two weeks from date of report.

Pertussis (Whooping Cough)—Two weeks after paroxysms have ceased.

Varicella (Chickenpox)—Two weeks from date of report.

Impetigo, Scabies and other like affections—These cases are excluded from attendance at school at the discretion of the School Medical Inspector or School Nurse until recovery is established and danger of communication of infection is removed.

In all cases of quarantinable diseases disinfection with Formaldehyde gas follows at the expiration of the time limit for quarantine, or upon notification of recovery, except in the case of smallpox, where sulphur fumigation always follows:

Sub. 2. Comments on the Prevalence of Disease.

Major Communicable Diseases.

In this class Diphtheria led with a total of 1081 clinical cases reported and 298 "Carriers."

In the previous fiscal year (1915-16) this disease totalled 1247 cases, or 15 per cent more than in the present fiscal year.

The highest point reached by diphtheria was in the month of December, 1916, when 138 cases were recorded. The lowest point was in June, 1917, with 49 cases.

Reference to the table of Annual Report Communicable Diseases will show the rise and fall by months of this disease, starting in July, 1916, with 69 cases, steadily rising each month till the crest was reached in December, then as suddenly declining to the end of June, 1917.

Scarlet fever follows diphtheria a very close second, with 1070 cases reported as against 1123 for the year 1915-16.

The highest number of cases by months was in February, 1917, with a total of 189. July, 1916, had the lowest, namely, 28 cases.

Smallpox showed a total of 93 cases reported for the year as compared with 8 cases for the fiscal year 1915-16. In the month of February, 1917, there was a sharp invasion of this disease, with 40 cases, followed up by 34 in March and 9 in April. Seven cases happened in January, 1917. The other three being scattered.

During the year 12 cases of leprosy were reported. In 1915-16 we had 2 reported.

Minor Communicable Diseases.

Measles far outstripped any of the minor communicable diseases with 5267 cases charged against it. In 1915-16 there were but 135 cases reported, but it would appear as if there had been considerable laxity on the part of physicians and others in reporting their cases at that time, as the discrepancy seems to be too wide to be otherwise accounted for.

March, 1917, shows the largest total for measles, when 1646 cases were registered. The lowest month was September, 1916, with 11 cases.

Mumps had 1758 cases to its credit during this year as against 1384 for 1915-16.

Chickenpox totaled an aggregate of 1433 cases, while in 1915-16 it had 1016 cases charged against it.

Reference is made to Table No. 2, appearing on page 600, which gives a detailed tabulated statement by months of all communicable diseases reported during the fiscal year.

Table No. 3, page 602, shows the number of cases reported of principal communicable diseases and deaths therefrom for the calendar year 1916.

Table No. 4, page 603, gives a compilation showing cases reported and deaths from principal communicable diseases by calendar year periods since 1907.

Sub. 3. Bacteriological Laboratory.

Table No. 5, page 604, presented by the Director of Laboratories, indicates examinations made during the year for diphtheria, tuberculosis, typhoid fever, rabies and venereal diseases.

Sub. 4. Isolation Hospital.

On page 608, Table No. 6 is shown. This deals with figures covering admissions to the Isolation Hospital during the fiscal year, a resumé of operations performed, and a statement covering cost of maintenance of said institution.

Sub. 5. Care of Cases Outside of Hospital.

No provision whatever is made for outside treatment by this Department of any case of communicable disease. Only those who are admitted to the Isolation Hospital are given this consideration.

Sub. 6.—Control of Tuberculosis.

For the first time in its history the City of San Francisco took upon itself the responsibility of grappling with the problem of handling the tuberculosis situation, the Board of Supervisors in the budget of 1916-17 having set aside the sum of $5000 for the establishment of a "Bureau of Tuberculosis."

On page 611 is presented a detailed report prepared by Dr. W. R. P. Clark, Director of the Bureau, showing what has been accomplished in this direction, starting from January, 1917, when the work was fairly launched; while on page 614 is shown table No. 7, giving a brief recapitulation of visits made, and disposal of cases, etc.

Sub. 7. Distribution of Antitoxin.

Table 8, page 614, contains figures showing the total number of units dispensed free of charge during the fiscal year.

Sub. 8. Vaccination.

Compulsory vaccination we regret to say is not in force in this city. The State compulsory vaccination law was repealed several years ago by the Legislature and we do not concede that this was an exceedingly wise act.

Our department has a regulation in force which is applied in the case of children entering school for the first time, i. e., that they cannot attend unless vaccinated, or they must present a statement signed by parent or guardian to the effect that there is a conscientious objection to such procedure.

Should smallpox be prevalent, all "contacts" must be vaccinated before being permitted to return to school or to work, as the case may be.

Sub. 9. Disinfection.

Reference is made to Table 9, page 615, for a detailed tabulated statement showing work performed in this connection during the fiscal year.

(The cost of this work is set forth in Table 1, page 593.)

Sub. 10. Maritime Quarantine.

Not a Municipal function. This feature is dealt with exclusively by the State and Federal authorities.

"E" INFANT MORTALITY

Table No. 10, on page 616, furnishes statistics covering mortality of children under one year of age, during the calendar year of 1916.

"F" SCHOOL HEALTH INSPECTION

On page 619 appears a statement prepared by the Chief Medical Inspector of Schools, touching upon the work accomplished in this division for the fiscal year; this being followed by a statistical tabulation, Table 11, page 620, giving results in figures.

"G" FOOD INSPECTION

Table No. 12, page 622, will present figures showing inspections made of various lines of business engaged in the handling, sale and distribution of food stuffs, including milk and dairy produce.

Sub. 1. Dairy Inspection.

On page 623 appears Table No. 13, giving figures on work accomplished in this division.

Sub. 2. Milk Inspection.

Table No. 14, page 624, presents a statement of milk samples taken during the fiscal year for chemical and bacteriological analysis.

On November 9, 1916, the Board of Supervisors adopted Ordinance No. 3961 which superseded all existing ordinances dealing with the Milk Traffic, the particular object of this being to bring under one heading a number of separate ordinances which had existed for some years, this having the effect of consolidating every feature in one ordinance, the preamble of which reads:

Regulating all traffic in milk, cream, and milk food products, and the issuance and revocation of permits therefor, the production, distribution, sale or offering for sale in the City and County of San Francisco of milk, cream, and milk food products, and providing for the inspection by the Board of Health of all persons, buildings, rooms, places, matters, things and animals employed or used in the production, handling, distribution, sale or offering

for sale of milk, cream, and milk food products intended for human consumption in said City and County, authorizing the Board of Health to enforce the provisions of this Ordinance, and providing penalties for the violation thereof.

Under the terms of this ordinance all milk must be pasteurized within the city limits, an inspector of pasteurizing plants being assigned to the particular duty of inspection and checking of all records in connection therewith.

LABORATORY WORK ON MILK

Chemical

Table 15, page 625, shows results of chemical analysis of milk samples taken during the fiscal year, giving a history of findings in each case, and action taken against offenders of the milk ordinance.

BACTERIOLOGICAL.

Table 16, page 630, presents a statement showing the bacteriological index of the milk supply of the city, for the fiscal year, as determined by the Levy Method.

GENERAL LABORATORY WORK

Table No. 17, page 634, provides a report of general analytical work performed in the chemical laboratory (including milk).

Results of examinations, bacteriological and chemical, of the drinking water supply of the city are given in Table 19, pages 635 to 644.

Subs. 7 and 8. Meat and Provision Inspection.

On page 645, Table No. 20 gives in detailed form the work done in this division, including inspections made, condemnations and seizures and a summary of animals slaughtered for human consumption.

"H" NUISANCES

Table No. 21, appearing on page 648, gives a general resumé of nuisance complaints investigated during the fiscal year, and the manner of their abatement.

INDUSTRIAL INSPECTION

Table No. 22, page 649, contains a statement showing inspection of factories, workshops, restaurants, candy sotres, etc., the work of which is designed to remedy any insanitary conditions found to exist therein and to compel owners or operators to comply with existing ordinances regulating the conduct thereof.

TENEMENT HOUSE INSPECTION

A detailed statistical report of the work of this bureau is given on page 651, table No. 23, this work being conducted by three inspectors—two male and one female. Much good work has been accomplished in this line, the co-operation between the Health Department and the Board of Public Works being of a most cordial and intelligent character.

"I" MUNICIPAL WASTES

The disposal of garbage is regulated by Ordinance which provides for destruction of same by incineration. Dumping of this waste is absolutely prohibited. The city has built a garbage incinerator which up to this writing has not been put into active service, as its reduction properties are a matter of debate, and litigation is now in progress over the matter.

In the meantime the Sanitary Reduction Works which was taken over by the city through expiration of franchise, is being operated under private management, the city receiving a bonus on the gross profits.

The collection of garbage per se is not a municipal function. Individual scavengers working under permit issued by the Board of Health do the house to house collection and removal. The department of Health by powers vested in it through ordinance, regulates this feature insofar as the method of house to house collections are concerned, determines the character of receptacles to be used and adjusts all differences between the householder and the scavenger when questions arise as to service, overcharges, etc. The average charge for removal of household refuse is 35 cents per month (one removal each week).

During the coming fiscal year an attempt will be made to create an ordinance which, if adopted, will mark a new epoch in the history of garbage disposal, and it will be our pleasure to dwell on this subject at some length in the report for the year 1917-18.

"J" INSPECTION OF PLUMBING

Table No. 24, appearing on page 653, gives data covering the work of this division during the fiscal year; and also presents a record of examinations held for applicants to qualify as Master Plumbers. The last State Legislature adopted laws regulating the registration of both Master and Journeymen Plumbers, which will not become effective until the next fiscal year, when the subject will be treated of in the report covering such period.

"K" RESEARCH, EDUCATIONAL AND PUBLICITY WORK

Owing to a lack of funds, we are unable to accomplish the things we most desire in this connection, and while fully realizing the importance of this feature, in its relation to the education of our people along the lines of sanitation, baby hygiene, prevention of spread of communicable disease, and the like, we find ourselves very inadequately equipped to carry it on properly. We hope to be able in later reports to say that we are making at least some little progress along these lines.

"L" OTHER WORK DONE DURING THE YEAR

The Board of Health sitting as a "condemnation" board has abated many nuisances during the fiscal year in the way of vacating of insanitary structures, subsequent demolition of same in many cases, and rehabilitation in others.

Table No. 25, on page 656, gives the figures on the work accomplished in this regard, in conjunction with the United States Public Health Service which co-operates with the City Health Department in this work.

REVENUE OF HEALTH DEPARTMENT

This feature is treated of in Table No. 26, page 657, showing revenue derived from issuance of Certified Copies of Births and Deaths, these being the only documents upon which a charge is imposed, this being mandatory through ordinance of the Board of Supervisors, i. e., 75 cents each. Free certified copies are issued where same are to be used in proving up rights of widows of soldiers and sailors to pensions granted by the United States Government, and also to claimants for pensions in the Police Department of our city.

On page 658, Table 26a, shows the number of permits issued for conduct of various lines of business under inspection by the Department of Health. There is no charge attached to the issuance of this class of permits or certificates.

ARRESTS FOR VIOLATION OF HEALTH ORDINANCES

Table 27, page 659, sets forth a statement showing arrests made in the enforcement of health laws and ordinances during the fiscal year, giving in detail the ordinance number and character of the law violated, convictions obtained, fines imposed and general disposition of cases.

"M" RULES PASSED SINCE LAST REPORT

During the fiscal year two new health ordinances were adopted by the Board of Supervisors as follows:

ORDINANCE No. 3961 (New Series).

(Approved November 9, 1916.)

Regulating all traffic in milk, cream, and milk food products, and the issuance and revocation of permits therefor, the production, distribution, sale or offering for sale in the City and County of San Francisco of milk, cream, and milk food products, and providing for the inspection by the Board of Health of all persons, buildings, rooms, places, matters, things and animals employed or used in the production, handling, distribution, sale or offering for sale of milk, cream, and milk food products intended for human consumption in said City and County, authorizing the Board of Health to enforce the provisions of this Ordinance, and providing penalties for the violation thereof.

ORDINANCE No. 4025 (New Series).

(Approved January 17, 1917.)

Prohibiting the Use of the Common Cigar Cutter in Cigar Stands and Stores and Other Public Places.

Whereas, The use of a common cigar cutter is considered by all authorities to be a menace to health and a source of dissemination of disease, particularly Tuberculosis, Syphilis, and possibly other contagious diseases.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The use of the common cigar cutter on any stand or in any cigar store or other place where cigars are sold or offered for sale, or the furnishing of such common cutter for use of patrons or the public is hereby prohibited.

Sec. 2. Any person, firm or corporation violating the provisions of this Ordinance shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than $10 and not to exceed $25, or by imprisonment in the County Jail for not more than 25 days or by both such fine and imprisonment.

Sec. 3. This Ordinance shall take effect immediately.

"N" LOCAL PROBLEMS

In January, 1917, a new bureau, entitled "Division of Child Hygiene" was established with one graduate nurse (female) in charge.

This work was originally started in February, 1916, by the appointment of a nurse working under the auspices of the Board of Health, but whose salary was paid by the Certified Milk and Baby Hygiene Committee of the Association of Collegiate Alumnae until January, 1917, when funds were provided by the Board of Supervisors which enabled the Department of Health to take over the work and conduct it as a part of its organization.

This has proven to be a very valuable addition to our labors as working in conjunction with the State Board of Charities and Corrections we have been able, even with the very limited force at our command, to correct in many cases, abuses occurring in boarding homes for children, and have succeeded in abating to a very large degree the pernicious practice of "baby farming" with its attendant evils.

We present on page 660, Table 27a, giving a brief statistical report of the actual work done and results accomplished since this Bureau was inaugurated,

and in the report of the next fiscal year (1917-18) we hope to be able to treat of this subject at some length.

"O" INSTITUTIONS

Reports of institutions under the control of the Health Department will be found here as below set forth:

Emergency Hospitals, Alanson Weeks, M. D., Chief Surgeon. Table 28, page 661, gives a resumé of cases handled, and likewise financial statement showing cost of maintenance, etc.

San Francisco Hospital (including Tuberculosis Hospital) R. G. Brodrick, M. D. Superintendent, pages 663 to 668, which includes a brief summary by the Superintendent of general conditions, figures on bed capacity, table of movement of patients, showing admissions, discharges, etc., a statement of operating expenses, report of training school for nurses and a history of Social Service work done in the Main and General Hospital and in the Tuberculosis Division.

Isolation Hospital, Elvira Holmdrup, R. N., Superintendent. See Table 6, page 608.

Relief Home Aged and Infirm, Chas. M. Wollenberg, Superintendent. See Table 31, page 669. This report includes a statement of movement of inmates, admissions, discharges, etc., statistics giving history of ages, social condition, race, nativity, etc., of inmates and their physical condition. A complete detailed table of costs and expenditures is also furnished.

DIVISION OF CHARITIES

The Inspector of Indigents report appears on page 675, Table 32.

This covers the work in connection with investigation of applicants for admission to hospitals and the Relief Home.

The City Physician in Table No. 33, page 676, presents a summary of work performed in the handling of indigent sick, in the field, at his office, at City and County Jails, and Prisons and investigation of accidents occurring in the operation of the Municipal Railway; also the handling of cases of accidents to Municipal employeés where the provision of the State Employer's Liability Act might apply.

"P" VITAL STATISTICS

Fiscal Year 1916-17.

These will be found worked out in exhaustive detail on pages 677 to 786.

Births.

On page 678, Table "A," the record of births registered during the fiscal year is given.

Still-Births.

Table "B" covers this feature, and appears on page 679.

Still Births are very carefully excluded from Birth and Mortality Tables.

Deaths.

Tables 1 to 5, inclusive, covering pages 680 to 784, deal with mortality statistics for the fiscal year, grouped by causes under the International Classification, segregated as follows:

Table 1—Arranged according to months.

Table 2—Arranged according to ages.

Table 3 (a)—Arranged according to social condition.

Table 3 (b)—Arranged according to sanitary districts.

Table 4—Nativities of decedents.

Table 5—Deaths by districts, hospitals and institutions.

Interments, cremations, removals and shipments of human remains during the fiscal year are shown in Table 6, page 785.

Figures covering disinterments and removals of human remains are given in Table 7, page 786.

Respectfully submitted,
ARTHUR H. BARENDT,
President, Board of Health.

Attest:
WILLIAM C. HASSLER, Health Officer.

TABLE 1.

DIVISION OF ACCOUNTS.

The work of the Auditing Department compared with last year is as follows:

	Requisitions	Demands	Payrolls
1916-1917	6815	5005	167
1915-1916	6700	4664	121
Increase	115	341	46

The funds audited during the year have increased $129,990.50 from the year before, the increase being largely through greater cost of supplies.

TABLE 1

FINANCIAL STATEMENT DEPARTMENT OF

	1916					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
Relief Home—						
Salaries	5592.20	5639.10	5645.00	5645.50	5610.15	5580.35
Maintenance	11431.07	12688.03	14252.60	12997.09	15738.78	13621.06
Additional Supplies	500.00	500.00	500.00	500.00	500.00	500.00
Special Appropriations	.....	.....	973.57	455.10	470.33	60.00
Water	788.92	724.96	703 60	563.08	600.28	533.92
Receipts	123.13	101.42	214.75	65.00	43.00	60.00
Isolation Hospital—						
Salaries	2283.60	2106.50	2073.35	1973.80	2007.90	2167.10
Maintenance	2067 48	1862.90	2272.09	1866.20	2473.24	2504.68
Additional supplies, equipment	1739.60	119.00	.....	.....	.....	.....
Water	121.24	116.95	141.52	111.65	113.21	100.40
Electricity (Light)	50.27	46.73	54.50	60.20	66.77	83.63
Receipts ****	.....	.....	.....	.....	.....	.....
Special Sanitation—						
Salaries	520.00	522.50	520.00	520.00	520.00	520.00
Expenses	140.17	76.23	53.01	43.56	141.74	83.36
Central Office—						
Salaries	10697.50	10698.30	10949.35	11022.15	11063.00	10973.00
Expenses	1410.76	1480.34	1348.72	1588.68	1264.20	1332.74
Burial of Indigent Dead	161.50	251.00	225.50	200.00	206.50	367.00
Special Appropriations	2265.55	18.00	.....	.....	.....	.....
Rent	350.00	350.00	350.00	350.00	350.00	350.00
Water	10.84	9.20	19 78	17.30	14.97	12.81
Electricity (Light)	12.05	15.54	18.12	21.81	23.21	33.41
Receipts	94.75	91.50	109.00	101.70	85.00	81.75
Tuberculosis Bureau	.....	.....	.....	.....	.....	.....
Salaries	.....	.....	.....	.....	.....	.....
Expenses	.....	.....	.....	.....	31.50	105.00
Emergency Hospital—						
Salaries	6235.00	6235.00	6271.65	6261.65	6258.35	6276.65
Vacations and Reliefs	1271.70	1501.75	1017.40	656.30	464.65	474.00
Maintenance	944.48	1165.95	1417.08	1279.26	1399.16	1317.44
Additional Equipment	.....	.....	.....	.....	.....	.....
Electricity (Light)	84.49	71.33	84 84	83.34	93.21	101.70
Water	10.75	13.45	11.73	12.52	11.30	11.05
Rent	1275.00	1275.00	1275.00	1275.00	1275.00	1275.00
San Francisco Hospital—						
Salaries Main Hospital	11159.55	11541.05	11311.90	11382.60	11507.35	11693.40
Salaries T. B. Dept.	1919.35	1923.20	1761.95	1838.90	1889.70	1837.20
Maintenance	12625.52	15934.35	15157.30	16471.12	17567.08	17046.05
Special Appropriations	.....	.....	302.00	159.25	30.50	35.00
Equipment	2261.95	237.26	.....	490.00	.....	514.58
Water	563.42	520.65	547.16	516.84	482.74	472.30
Electricity (Light)	32.97	38.72	48.24	56.68	69.52	80.28
Receipts	212.68	52.50	48.25	83.00	46 10	37.16
Employers' Liability Act	.....	228.28	.....	104.58	16.25	16.25
Total	78957.49	78156.69	79678.96	78773.86	82434.69	80258.27

* Not paid out of funds controlled by Department of Public Health.

† $695.65 paid out of Central Office Salary Appropriation.

** Deficit.

**** Collected at Central Office.

San Francisco Hospital—

Transferred from fiscal year 1915-1916	$ 38.40
Expended for maintenance	201,046.17
Total	$201,084.57

Relief Home .....

Isolation Hospital .....

Central Office .....

Emergency Hospital .....

S. F. Hospital.....

—Continued.

PUBLIC HEALTH FISCAL YEAR 1916-1917.

1917						Total		Balance	Appropriation
Jan.	Feb.	Mar.	Apr.	May	June				
5579.85	5605.50	5622.50	5549.90	5594.80	5581.45	.....	67246.30	173.70	67420.00
14822.70	12635.79	13839.77	14039.00	18418.72	14948.07	.....	169432.68	.....	169432.68
500.00	500.00	1500.00	500.00	500.00	2000.00	.....	8500.00	.....	8500.00
.....	.....	.....	.....	.....	.....	.....	1959.00	41.00	2000.00
556 24	579.52	535.96	586.00	605.80	759.76	.....	* 7538.04	.....	.....
162.52	65.92	62.31	94.50	74.45	262.30	.....	1329.30	.....	.....
2274.35	2533.55	2825.30	2944.50	2571.45	2170.75	.....	27932.15	.....	27932.15
2673.63	2865.99	3102.59	2426.59	2661.60	1852.03	.....	28629.02	.....	28629.02
.....	.....	.....	.....	.....	.....	.....	1858.60	17.29	1875.89
88.45	125.80	115.60	129.40	143.20	144.04	.....	* 1451.46	.....	.....
91.75	99.70	75.01	79.26	64.08	56.24	.....	* 828.14	.....	.....
.....	.....	90.00	42.00	96.50	63.00	.....	291.50	.....	.....
522.50	515.00	522.50	517.50	522.50	520.00	6242.50	.....	.....	.....
153.89	123.89	60.97	154.88	88.92	131.42	1252.04	7494.54	5.46	7500.00
10926.85	10921.00	11111.85	11014.00	11166.50	11216.85	.....	131760.35	.....	131760.35
1599.00	1509.17	1558.53	1365.90	1262.82	1327.77	.....	17048.63	** 953.27	16095.36
607.00	575.00	550.00	550.00	575.00	575.00	.....	4843.50	956.50	5800.00
.....	.....	327.62	.....	.....	.....	.....	2611.17	173.83	2785.00
350.00	350.00	350.00	350.00	350.00	350.00	.....	* 4200 00	.....	.....
10.66	8.50	17.08	12.16	11.18	11.82	.....	* 156.30	.....	.....
43.20	22.80	21.75	23.35	15.59	14.14	.....	* 264.97	.....	.....
102.00	94.00	122.25	105.00	102.75	87.75	.....	1177.45	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
283.15	425.00	414.10	425.00	425.00	495.00	2467.25	.....	.....	.....
56.50	55.25	135.25	144.35	221.45	895.73	1645.03	4112.28	887.72	5000.00
6267.05	6328.55	6291.30	6135.00	6341.90	6347.95	.....	75249.85	2.15	75252.00
470.25	362.00	327.35	434.65	190.00	158.65	.....	7328.70	1.30	7330.00
1208.03	1302.39	1292.31	1156.93	1356.25	1302.89	.....	15142.17	.....	15142.17
1198.92	226.60	59.50	.....	.....	.....	.....	1485.02	17.04	1502.06
117.13	85.59	114.17	144.45	117.84	116.82	.....	* 1214.91	.....	.....
12.49	10.25	10.05	11.00	11.53	12.75	.....	* 138.87	.....	.....
1275.00	1275.00	225.00	225.00	225.00	225.00	.....	* 11100.00	.....	.....
11901.20	12001.05	11918.45	11846.35	11569.90	12022.25	.....	139855.05	.....	139855.05
915.30	1951.40	1952.20	2077.05	3147.55	1998.25	.....	24212.05	.....	24212.05
16238.84	16126.12	16855.66	18475.69	22682.74	15865.70	.....	201046.17	.....	201046.17
.....	.....	.....	.....	.....	212.68	.....	739.43	23.25	762.68
529.30	104 81	345.65	245.40	94.53	.....	.....	4823.48	4796.46	9619.94
459.32	467.51	515.06	530.12	570.32	494.60	.....	* 6140.04	.....	.....
77.83	67.81	54.04	49.72	42.98	39.71	.....	* 658.50	.....	.....
329.00	28.50	25.50	5937.64	7.00	51.14	.....	6858.47	.....	.....
16.25	16.25	206.64	32.50	16.25	184.60	.....	* 837.85	.....	.....
83420.15	79965.01	83153.82	88354.79	91846.10	82496,11	.....	987495.94	7095.70 ** 953.27	949452.57

Stationery	Printing	Books	Postage	Oil	Gasoline	Total
172.99	95.81	10.50	87.00		1.93	368.23
115.10	12.20	7.47	15.00	20.52	315.53	485.82
486.05	1,433.32	399.36	917.10	133.18	1,452.78	4,821.79
118.43	465.60	70.57	29.00	94.91	1,267.88	2,046.39
513.04	879.46	289.10	125.50	21.94	516.08	2,345.12

	997,563.29
Less receipts	9,656.72
Total expenditure	987,906.57

TABLE 1

COMPARATIVE STATEMENT OF UNITS OF

	1915-1916		Cost
Bureau of Vital Statistics—			
Certificates recorded or permits issued	29,756		.185
Bureau of Laboratories—			
Examinations or Analyses	41,725		.406
Sanitary Inspections—			
Inspections	16,002		.781
Disinfections—			
Rooms Disinfected	5,222		1.173
Plumbing Inspection—			
Inspections	24,028		.67
Market Inspection—			
Markets and Cattle	1,220,096		.03
Food Inspections—			
Inspections	5,100		.697
Dairy Inspections—			
Dairies, Depots, Cows, etc	167,840		.058
Milk Inspections—			
Samples Collected	2,960	170,800	.562
Industrial Inspection—			
Inspections	8,580		.578
School Medical Inspection—			
Examinations, Treatments, Dressings	233,802		.113
City Physician—			
Visits and Treatments	4,594		.70
Inspector of Indigents—			
Investigations and Calls	10,754		.201
Tenement House Inspection—			
Inspections	3,938		1.225
Child Hygiene—			
Social Service Workers in Tuberculosis Cases—			

—Continued

WORK WITH THE PREVIOUS FISCAL YEAR

	1916-1917		Cost
	27,868		.224
Morbidity Registration	17,769	45,637	.084
Tuberculosis Examinations	3,820		.195
Bacteriological Examinations	39,450		.195
Milk Examinations, Chemical and Bacteriological	9,817		.659
Food Examinations, Chemical and Bacteriological	1,686	54,773	.954
Communicable Diseases	18,244		.615
Stable Inspections	2,010	20,254	.166
Tuberculosis	983		1.89
Other Diseases	4,230	5,213	.93
Cesspools and sewers	2,410		.955
Master Plumbers Examined	32		.462
Plumbing Inspections	20,062	22,504	.462
Cattle Inspections, etc.	1,276,565		.021
Abattoirs	4,429	1,280,994	.687
Inspections	9,446	9,446	.482
Inspections and collection of samples		151,197	.103
Scavengers	407		.284
Bathing Establishments	4		.35
Laundries, Wash Houses	507		.435
Factories	3,786		.523
Miscellaneous Building Inspections	1,615	6,319	.463
Inspections by Physicians	18,271		.215
Inspections by Nurses, Dressings, Treatments, etc.	226,463	244,734	.0716
Visits and Treatments	2,526	2,526	1.142
Investigations and Calls	8,436	8,436	.305
Tenements and Dwellings	4,429		.946
Lodgings and Hotels	1,004	5,433	.587
Investigations	3,111	3,111	.397
Investigations, Calls, etc.	2,004	2,004	1.005

TABLE 1—Continued.

DEPARTMENT OF PUBLIC HEALTH CLASSIFICATION OF EXPENDITURES ON BASIS SUGGESTED BY UNITED STATES BUREAU OF THE CENSUS.

				Number of units, analyses, inspections, investitions, investi-
CONSERVATION OF HEALTH				
GENERAL ADMINISTRATION	.....	.....	30,534.73	.....
Salaries of Health Officers, Chief Clerk, and Chief Sanitary Inspector	.....	8,770.00	.....	.....
Clerk, Bureau of Sanitation, Clerks, Stenographers and Telephone Operators	.....	7,667.83	.....	.....
Auditor and Clerk, Salaries	.....	3,600.00	.....	.....
Auditor and Clerk, Expenses	.....	52.82	.....	.....
Office Supplies, Telephone and Telegraph	.....	349.92	.....	.....
Postage, Printing, Books and Stationery	.....	3,235.83	.....	.....
Rent	.....	4,200.00	.....	.....
Heat	.....	141.43	.....	.....
Water and Light	.....	421.27	.....	.....
Transportation and Automobiles for General Transportation	.....	1,465.38	.....	.....
General Expenses	.....	630.25	.....	.....
VITAL STATISTICS	.....	.....	6,231.59	.....
Registration of Births and Deaths, Salaries	.....	3,275.25	.....	.....
Registration of Births and Deaths, Expenses	.....	567.69	.....	.....
Burial, Disinterment and Miscellaneous Permits Issued	.....	.....	.....	11,155
Abstracts of Birth and Death Records Issued	.....	.....	.....	1,516
Births and Deaths Recorded	.....	.....	.....	15,197
Morbidity Statistics, Salaries	.....	1,488.65	.....	.....
Registration of sickness and recovery therefrom	.....	.....	.....	15,688
Permits to return to school and work	.....	.....	.....	2,081
Tabulation and Publication of Statistics, Salary	.....	900.00	.....	.....

TREATMENT AND PREVENTION OF COMMUNICABLE DISEASES			262,527.98	
Tuberculosis Hospital (See San Francisco Hosptal report for details)		128,770.13		
Physicians and Nurses in private homes, Salaries	1,924.55			
Physicians and Nurses in private homes, Expenses	90.10			
Number of visits and investigations				2,004
Laboratory examinations	744.90			3,820
Disinfections	1,857.87			983
Inspections of meat and meat animals for Tuberculosis, Salaries	26,857.70			
Inspection of meat and meat animals for Tuberculosis, Expense	310.66			
Total inspections (See separate report for details)				1,276,565
Hospitals for Communicable diseases—				
Isolation Hospital, Salaries		27,932.15		
Isolation Hospital, Maintenance		30,933.06		
(See Isolation Hospital report for details.)				
San Francisco Hospital for other communicable diseases (See S. F. Hospital report for details)		13,286.00		
Other Treatment for Communicable Diseases—				
Laboratory Work in Diagnosis	7,682.87			39,450
Physicians and Inspectors, Salaries	8,458.50			18,244
Physicians and Inspectors, Transportation	701.29			
Vaccines, Anti-toxins and other remedies	1,740.55			
Publicity	123.37			
Work in cases of glanders in horses and rabies in dogs	174.80			
Disinfection	3,894.12			4,230
Rat Suppression and Extermination, Salaries	6,177.50			
Rat Suppression and Extermination, Expenses	840.86			
(Work done in conjunction with U. S. P. H. S.)				
CONSERVATION OF CHILD LIFE			22,683.62	
Medical Work for School Children		21,446.65		
Sanitary Inspection of School Buildings	314.85			
Inspection of School Children by Physicians, Salaries	4,875.45			
Inspection of School Children by Physicians, Expenses	52.50			

TABLE 1—Continued.

DEPARTMENT OF PUBLIC HEALTH CLASSIFICATION OF EXPENDITURES ON BASIS SUGGESTED BY UNITED STATES BUREAU OF THE CENSUS—Continued.

				Number of units, analyses, inspections, investigations, etc.
Number of Inspections	.....	.....	.....	18,271
Work of Nurses for School Children, Salaries	15,042.85	.....	.....	.....
Work of Nurses for School Children, Expenses	1,161.00	.....	.....	.....
Number of Inspections, Dressings and Treatments	.....	.....	.....	226,463
Other Conservation of Child Life including Infants, Salaries	.....	789.60	.....	3,111
Other Conservation of Child Life including Infants, Expenses	.....	84.75	.....	.....
Publicity and Educational	.....	362.62	.....	.....
FOOD INSPECTION	.....	.....	21,699.98	.....
Milk and Dairy Control	.....	15,540.28	.....	151,197
Inspections and Tests of Herds, inspections of stables, milk depots, ice cream factories, milk wagons, and collection of milk samples—				
Salaries	6,722.45	.....	.....	.....
Expenses	2,337.93	.....	.....	.....
Laboratory Tests of Dairy Products	6,469.00	.....	.....	.....
Bacteriological	.....	.....	.....	6,114
Chemical	.....	.....	.....	3,703
Other milk and dairy control	10.90	.....	.....	.....
Other Food Regulation and Control	.....	6,159.70	.....	9,446
Inspection of all places for sale of and manufacture of food, including bakeries, restaurants, hotels, and the collection of food samples, drugs and drinks—				
Salaries	3,937.82	.....	.....	.....
Expenses	614.02	.....	.....	.....
Laboratory analyses and research work, including tests of all foods except dairy products	1,607.86	.....	.....	.....

Bacteriological				648
Chemical				1,038
SANITATION AND PROMOTION OF CLEANLINESS			3,291.85	
General Sanitary Inspection and Regulation—				
Regulation and Supervision of Scavengers		115.60		407
Regulation of buildings and places producing noisome sights, smells, etc., slaughter houses, smokehouses		304.50		4,429
Inspection of bathing establishments		1.40		4
Prevention of Smoke Nuisances		13.95		
Inspection of stables and premises where permits are asked to conduct stables		334.25		2,010
Inspection and regulation of cesspools, vaults, etc		2,301.35		2,410
Baths, Washhouses and Kindred Establishments		220.80		507
GENERAL HOSPITALS AND CARE OF SICK AND INJURED			340,591.96	
Emergency Hospitals, Salaries		82,578.55		
Emergency Hospitals, Maintenance		29,240.89		
San Francisco Hospital		228,772.52		
(See separate reports for details.)				
Other Expenses for Sick and Injured			5,460.99	
Inspectors of Indigents, Salaries		2,130.45		
Inspectors of Indigents, Expenses		444.64		
Total investigations and calls				8,436
City Physician, Salary		2,386.65		
City Physician, Expenses		499.25		
Visits and Treatments				2,526
MISCELLANEOUS PROTECTION OF PERSON AND PROPERTY			16,781.50	
Dwelling and Tenement House Inspection, Salaries		4,014.70		
Dwelling and Tenement House Inspection, Expenses		175.72		
Number of inspections				4,429
Lodging House Inspections		590.80		1,004
Factory Inspections, Salaries		1,935.10		
Factory Inspections, Expenses		43.50		3,786

TABLE 1—Continued.

DEPARTMENT OF PUBLIC HEALTH CLASSIFICATION OF EXPENDITURES ON BASIS SUGGESTED BY UNITED STATES BUREAU OF THE CENSUS—Continued.

				Number of units, analyses, inspecgations, etc. gations, etc.
Examination of Plumbers and Plumbing Inspection, Salaries	.....	7,298.65	.....	.....
Examination of Plumbers and Plumbing Inspection, Expenses	.....	1,975.58	.....	.....
Number of plumbers examined	.....	.....	.....	32
Number of inspections	.....	.....	.....	20,062
Inspection and Regulation of Office Buildings, and other building inspections—				
Salaries	.....	670.90	.....	1,615
Expenses	.....	76.55	.....	.....
OTHER ACTIVITIES	.....	.....	256,010.51	.....
Relief Home for Aged and Infirm, Salaries	.....	67,246.30	.....	.....
Relief Home for Aged and Infirm, Expenses	.....	174,579.96	.....	.....
(See separate report for other details.)				
Municipal Lodging House (Contribution to S. F. Co-operative Employment Bureau)	.....	8,500.00	.....	.....
Burial of Indigent Dead	.....	4,486.40	.....	.....
Paid to Employees under Employers' Liability Act	.....	837.85	.....	.....
OUTLAYS	.....	.....	22,091.86	.....
General Administration	.....	3,669.59	.....	.....
Isolation Hospital	.....	2,319.98	.....	.....
Emergency Hospitals	.....	1,886.47	.....	.....
San Francisco Hospital	.....	8,991.19	.....	.....
Laboratory Bacteriological and Chemical	.....	506.64	.....	.....
Relief Home	.....	4,717.99	.....	.....

TABLE 1—Continued.

SUMMARY OF EXPENDITURES FOR THE FISCAL YEAR 1916-1917

			Percentage of Expenditure
Conservation of Health		343,677.90	34.7
General Administration	30,534.73		3.1
Vital Statistics	6,231.59		.6
Treatment and Prevention of Communicable Diseases	262,527.98		26.4
Conservation of Child Life	22,683.62		2.4
Food Inspection	21,699.98		.2.2
Sanitation and Promotion of Cleanliness		3,291.85	.3
General Hospitals and Care of Sick and Injured		346,052.05	35.1
Protection of Person and Property		16,781.60	1.7
Other Activities of Department		256,010.51	26.
Outlays		22.091.86	2.2
Total		987,906.57	

TABLE 1—Continued.

AUTOMOBILE COSTS AND MILEAGE FISCAL YEAR 1916-1917.

Total Mileage	98,827
Total Cost	4,357.92
Average Cost per mile	.044

		Miles	Cost	Cost per mile
E. 248	Dairy	5,593	330.05	.059
E. 249	Dairy	725	31.62	.044
E. 250	Plumbing	6,569	388.47	.059
E. 251	Plumbing	7,966	303.64	.038
E. 252	Disinfection	5,814	309.41	.053
E. 253	General	4,859	289.83	.059
E. 254	Disinfection	5,112	302.67	.059
E. 256	Plumbing	7,837	289.90	.037
E. 257	Inspection of Indigents	5,230	258.58	.049
E. 258	Food and Milk	6,916	273.26	.039
E. 259	Plumbing	6,704	188.29	.028
E. 260	Sanitary Inspection	8,366	356.27	.042
E. 1012	Dairy	10,070	392.93	.039
E. 1013	Dairy	10,051	457.24	.045
E. 1014	Plumbing	7,015	185.76	.026
		98,827	4,357.92	

TABLE 1—Continued.

TABULATED REPORT OF THE EXPENDITURES IN THE WORK OF SPECIAL SANITATION DURING THE FISCAL YEAR 1916-1917 OF FUNDS APPROPRIATED FOR THIS WORK IN CONJUNCTION WITH THE UNITED STATES PUBLIC HEALTH SERVICE.

	1916						1917						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Headquarters	76.04	68.48	65.00	69.87	82.75	65.00	65.00	65.00	65.00	65.00	65 00	65.00	817.14
Field Service	426.74	414.05	416.75	412.74	413.50	413.10	445.68	425.25	440.92	425.20	436.98	427.77	5098 98
Laboratory	17.85	31.08	19.55	7.45	9.55	7.40	24.40	11.40	10.05	5.00	30.25	20 65	194.63
Printing & Stationery	72.81	9.00	2.56		3.99		9.28			.80	8 54		107 01
Rat Traps and Bait, etc.	66.70	76.12	69.15	73.50	72.88	69.00	75.83	62.89	67.50	66.58	70.65	94 80	865 60
Special Purposes					79.07	48.86	55.90	54.35		109.80		43 26	411.18
Total	660.17	598.73	573.01	563.56	661.74	603.36	676.39	638.88	583.47	672.38	611 42	651.42	7494.54

TABLE 2.

ANNUAL REPORT COMMUNICABLE DISEASES.

FISCAL YEAR 1916-17.

DISEASES	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Amebiasis	6	1	1			1				2			1
Anthrax	3		1		1		1						
Cerebro Spinal Meningitis	11			1			1	1	1		4	1	2
Chickenpox	1433	21	34	70	116	254	183	167	150	174	108	99	57
Diphtheria	1081	69	64	65	90	118	138	123	101	100	81	83	49
Diphtheria Carriers	298	45	13	27	46	22	20	24	17	32	23	13	16
Eczema													
Erysipelas	169	15	12	9	6	19	15	19	18	26	13	11	6
Glanders (animal)	46	10	1	7	2	5	6	4	3	2	2	2	2
Gonorrhea	614	15	19	6	18	28	10	121	79	61	138	72	47
Impetigo, Bullis	1									1			
Impetigo	2	1									1		
Influenza	5						1		2		2		
Leprosy	12	1		3			2	2	2	2			
Malaria	20	3	3	3	2	5	1	1				1	1
Measles	5267	28	16	11	43	73	182	557	1321	1646	728	455	207
Mumps	1758	20	48	105	132	211	135	203	260	273	138	107	126
Ophthalmia neonatorum	11	2		1		2		2	2	1			1
Pediculosis	14	11	3										
Pneumonia	497	30	15	15	20	35	57	82	66	59	30	53	35
Poliomyelitis	32	4	2	4	6	6	8	2					
Rotheln (German Measles)	383	1	1	1		2		2	9	7	12	224	124
Scabies	4			1		1			1	1			
Scarlet Fever	1070	28	27	43	63	81	95	150	189	156	77	109	50
Smallpox	93		1			1	1	7	40	34	9		
Syphilis	799	45	65	42	97	57	68	96	102	65	96	44	22
Tetanus	6	2	3									1	
Whooping Cough	319	19	41	26	14	43	24	22	19	16	33	35	27
Tracoma	35	1	4	5	5	4	5	3	2	2	3	1	
Tuberculosis	1517	109	126	110	142	117	131	145	147	145	137	115	93
Typhoid Fever, Local Origin	97	4	7	8	14	3	12	8	14	8	8	4	7
Typhoid Fever, Outside Origin	82	3	11	12	10	3	7	6	9	6	7	4	4
Uncinariasis	1		1										
Total	15688	488	521	575	827	1091	1103	1749	2554	2819	1650	1434	877

TABLE 2—(Continued).

ANNUAL REPORT COMMUNICABLE DISEASES.
FISCAL YEAR 1916-17.
(Military reservations.)

	Presidio	U. S. Marine Hospital	U. S. Naval Training Station	Total
Chancroid	....	18	22	40
Chickenpox	5	....	6	11
Diphtheria	21	1	4	26
Erysipelas	8	3	....	11
German measles	....	1	264	265
Gonococcus infection	....	84	....	84
Gonorrhoea	....	....	203	203
Influenza	....	....	267	267
Leprosy	1	....	....	1
Meningitis, cerebro spinal	....	....	2	2
Malaria	....	....	16	16
Mumps	73	1	515	589
Measles	162	4	360	526
Malaria, estivo autumnal	....	9	....	9
Malaria quartan	....	2	....	2
Malaria, tertian	....	22	....	22
Meningitis (epidemic)	2	....	....	2
Pneumonio, lobar	....	....	15	15
Scarlet fever	45	4	1	50
Smallpox	....	1	....	1
Scabies	....	....	110	110
Syphilis	....	539	30	569
Tuberculosis, chronic pulmonary	....	....	4	4
Tuberculosis, acute pneumonic	....	....	2	2
Tuberculosis	....	70	....	70
Trachoma	....	1	....	1
Typhoid	....	5	....	5
Uncinariasis	....	4	....	4
Whooping cough	1	....	....	1

TABLE 3

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS—CALENDAR YEAR 1916.

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Months 1916	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
																	Pulmonary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases†	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases*	Deaths	Cases*	Deaths
January	129	12	139	0	17	0	21	0	73	1	3	0	0	0	0	0	151	84	*	3	*	2
February	120	8	157	0	14	2	11	0	95	3	1	0	0	0	0	0	122	84	*	8	*	6
March	174	14	212	2	11	2	11	1	116	5	0	0	0	0	0	0	79	62	*	5	*	3
April	128	17	149	2	13	1	10	0	64	2	0	0	0	0	0	0	149	63	*	5	*	5
May	155	19	116	0	14	0	23	0	75	0	0	0	0	0	0	0	99	67	*	9	*	6
June	107	11	80	2	15	1	17	0	26	2	0	0	0	0	1	0	101	59	*	7	*	2
July	69	9	28	1	7	1	28	0	19	1	0	0	0	0	4	0	109	46	*	5	*	4
August	64	7	29	0	18	0	16	1	41	2	1	0	0	0	2	0	126	61	*	2	*	3
September	65	7	43	0	20	5	11	0	26	0	0	0	0	0	4	1	110	38	*	2	*	3
October	90	8	64	1	24	2	43	1	14	2	0	0	0	0	6	1	142	69	*	2	*	3
November	116	7	81	1	6	2	73	0	43	0	1	0	0	0	6	1	117	57	*	5	*	2
December	138	12	95	0	19	0	182	1	24	0	1	0	0	0	8	1	131	86	*	4	*	3
Totals	1355	131	1192	9	178	16	446	4	616	18	7	0	0	0	31	4	1436	776	*	57	*	42

* Cases not reported.

† Includes 72 cases not local in origin.

Miliary Tuberculosis—19 deaths.

TABLE 4.

CASES AND DEATHS FROM COMMUNICABLE DISEASES. EACH YEAR FOR TEN YEARS.

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Years (Calendar)	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
																	Pulmonary and Miliary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases*	Deaths	Cases	Deaths	Cases	Deaths	Cases *	Deaths	Cases *	Deaths
1907	295	41	229	9	1279	228	1231	42	*	26	40	1	*	0	*	2	595	578	*	64	*	35
1908	664	90	246	5	363	107	910	24	*	24	298	4	*	0	*	1	765	729	*	58	*	54
1909	589	55	499	24	266	68	2115	25	*	48	134	1	*	0	*	0	1355	689	*	76	*	54
1910	521	37	504	10	345	64	1038	19	*	32	40	0	*	0	*	1	1510	706	*	57	*	37
1911	316	26	599	17	285	69	1212	15	433	28	15	0	*	0	14	2	1279	702	*	62	*	45
1912	326	28	192	1	336	58	451	47	309	26	106	1	*	0	20	2	1238	693	*	78	*	57
1913	379	27	305	16	316	73	410	5	487	16	38	0	*	0	5	1	1323	698	*	95	*	80
1914	796	85	414	4	224	58	4444	46	1297	60	52	0	*	0	18	1	1418	793	*	74	*	57
1915	1390	113	426	3	205	43	1723	19	374	21	7	0	*	0	9	0	1592	793	*	56	*	57
1916	1355	131	1192	9	178	16	446	4	616	18	7	0	*	0	31	4	1444	784	*	57	*	43

* Cases not reported.

TABLE 5

BACTERIOLOGICAL EXAMINATIONS.

DIPHTHERIA

	Primary				Secondary				Contact				School				Total
	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	
1916																	
July	57	629	2	9	385	686	10	1	31	361	1		10	351		2	2535
August	37	703	1	3	285	774	3	1	10	310			10	31			2168
September	57	749	5	9	189	522	2		18	210			5	191			1957
October	69	821	1	6	225	644	9		20	279			18	312			2404
November	71	864	2	5	253	989	16	3	18	349			5	173			2748
December	72	884	8	5	294	974	28		25	493			1	74			2858
1917																	
January	71	815	4	4	285	894	7		22	479				46			2627
February	65	760	2	2	273	677	11		14	277				42			2123
March	59	830	1	2	429	894	29		11	242			1	85			2538
April	45	768	3	7	479	1131	51		11	240	1						2736
May	60	751	4	5	428	941	27	1	12	269				60			2558
June	44	669	6	2	322	712	34		8	266				19			2082
Total	707	9243	39	59	3842	9838	227	6	200	3775	2		50	1384		2	29334

TABLE 5—Continued.

BACTERIOLOGICAL EXAMINATIONS.

	Gonorrhoea			Tuberculosis		Typhoid					Rabies		Miscellaneous
						Widals			Feces				
	Positive	Negative	Doubtful	Positive	Negative	Positive	Negative	Doubtful	Positive	Negative	Positive	Negative	
1916													
July	4	91		66	122	6	24	1	3	10			
August	7	89	4	136	223	4	25		2	14		1	7
September	7	91	2	116	192	4	22	1	4	8			5
October	4	88	4	142	186	1	17		4	23			16
November	4	93	3	103	202		19		3	15			8
December	7	122	1	111	176	2	28			12			16
1917													
January	3	53	1	162	241	3	25		1	15			3
February	7	80	2	146	206	4	18			15			9
March	4	62		119	223	3	32			25		3	4
April	8	58	4	117	164	3	24		1	19		1	6
May	16	56	4	170	192	0	19		2	17		1	18
June	16	63	7	143	160	0	30			12		1	9
Total	87	947	31	1531	2287	30	283	2	20	185		7	101

TABLE 5—Continued.

SEROLOGICAL EXAMINATIONS—VENEREAL DISEASES.

	Wasserman Tests						Gonorrheal		
	Blood			Spinal Fluid			Comp. Fix. Test		
	Positive	Negative	Doubtful	Positive	Negative	Doubtful	Positive	Negative	Doubtful
1916									
July	46	115	7	6	7		5	8	
August	27	143	2	2	10				
September	27	170	4	8	15				
October	37	201	5	7	15				
November	49	225	12	14	26	2			
December	47	241	3	9	20				
1917									
January	38	214	3	9	15	2			
February	30	180	6	4	7				
March	29	191	1	5	13				
April	35	233	4	1	7				
May	41	215	1	2	18				
June	23	194	8	1	16				
Total	429	2322	56	68	169	4	5	8	

TABLE 5—(Continued).

BACTERIOLOGICAL EXAMINATIONS.

RABIES.

1916—	Positive	Negative	Suspicious	*Patients Treated	Pasteur Treatments Administered
July	....	....	....	....	....
August	....	1	....	....	....
September	....	....	....	....	....
October	....	....	....	1	25
November	....	....	....	....	....
December	....	....	....	....	....
1917—					
January	....	....	....	....	....
February	....	....	....	....	....
March	....	3	....	....	....
April	....	1	....	....	....
May	....	1	....	....	....
June	....	1	....	....	....
Total	....	7	....	1	25

* Total treated to date 240.

TABLE 6

REPORT OF ADMISSIONS TO ISOLATION HOSPITAL.

		1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
Leprosy	12	1	1	1	1	1	....	3	1	4	....	....	....
Diphtheria	391	27	33	21	32	47	65	34	22	36	34	24	16
Diphtheria Carrier	79	16	13	10	11	3	5	1	2	4	6	5	3
Scarlet Fever	178	7	4	8	13	16	17	21	23	19	18	15	16
Erysipelas	86	6	9	12	4	10	4	5	10	11	9	6	....
Gon. Vaginitis	24	2	2	1	4	6	4	....	1	1	2	1	....
Poliomyelitis	27	1	4	2	7	8	5	2	....	....	....	....	....
Trachoma	1	1	....	....	....	....	....	....	....	....	....	....	....
Rubella	11	....	....	....	....	....	....	....	....	....	4	3	4
Rubeola	72	....	....	....	4	3	6	11	15	17	7	5	4
Tonsilitis	3	2	....	....	....	1	....	....	....	....	....	....	....
Vericella	14	....	3	3	3	1	1	....	1	1	1	....	....
Tonsiliectomy	2	....	2	....	....	....	....	....	....	....	....	....	....
Meningitis	3	....	1	....	....	....	....	....	1	....	....	....	1
Pertussis	4	....	....	....	....	....	....	....	....	....	....	1	3
Cerebro-spinal Meningitis	2	....	....	....	....	1	....	....	1	....	....	....	....
Gon. Opthalmia	3	....	....	....	....	1	....	....	....	....	....	....	2
Smallpox	74	....	....	....	....	1	1	....	39	20	13	....	....
Mumps	3	....	....	....	....	....	1	....	....	....	1	1	....
Syphilis	1	....	....	....	....	....	1	....	....	....	....	....	....
Rubeola and Pneumonia	1	....	....	....	....	....	....	....	....	....	1	....	....
Totals	991												

TABLE 6—(Continued).

OPERATIONS PERFORMED.

		1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
Vaccinations	505	....	....	....	....	....	18	72	127	148	65	53	22
Intubation and Re	88	4	1	2	5	6	10	10	9	7	22	9	3
Exturbations	53	....	3	....	2	5	8	8	5	....	11	7	4
Tracheotomy	4	....	1	....	....	1	1	....	....	....	1	....	....
Lumbar Punctures	39	....	3	....	4	5	15	11	....	....	....	....	1
Abscess Opened	35	....	....	....	4	1	....	....	3	....	23	3	1
Circumcision	1	....	1	....	....	....	....	....	....	....	....	....	....
Necropsy	6	2	3	....	....	....	....	....	....	....	....	....	1
Iridectomy	1	....	....	1	....	....	....	....	....	....	....	....	....
Transfusion	1	....	....	1	....	....	....	....	....	....	....	....	....
Amputation	1	....	....	....	....	....	....	....	....	....	....	1	....
Total	734												

Total number of Hospital days, 25,363.

E. T. HOLMDRUP, Superintendent.

TABLE 6—(Continued).

FINANCIAL STATEMENT OF THE ISOLATION HOSPITAL

FISCAL YEAR 1916-1917.

Salaries—		
Administration	$ 3,858.70	
Professional Care of Patients	13,138.15	
Housekeeping	3,778.30	
Kitchen	3,175.35	
Laundry	720.00	
Maintenance of Grounds	1,086.00	
Maintenance of Building	117.75	
Miscellaneous and General	1,136.50	
Transportation	847.90	
New Construction	73.50	
		$27,932.15
Maintenance—		
Administration:		
General Supplies and Services	$ 434.00	
Stationery and Printing	11.50	
Professional Care of Patients:		
Medical and Surgical Supplies	4,892.84	
Wines and Liquors	157.41	
Repairs to Instruments and Apparatus	27.60	
Clothing	17.29	
Department Expenses:		
Housekeeping	2,602.11	
Kitchen	120.02	
Laundry	538.67	
Provisions:		
Meat, Fish and Poultry	4,008.52	
Milk and Cream	2,065.74	
Butter and Eggs	2,526.03	
Groceries	3,288.96	
Fruit and Vegetables	1,937.53	
General Expense:		
Maintenance of Grounds	90.40	
Maintenance of Buildings	310.72	
Fuel	4,049.17	
Miscellaneous	184.08	
Transportation:		
Automobile Ambulance	412.89	
Ford Delivery Wagon	137.43	
Railroad Transportation	354.73	
Outlay:		
New Equipment	405.47	
New Construction	55.91	
		28,629.02
Additional Equipment from other than the regular maintenance fund		1,858.60
Other costs payable out funds not controlled by the Board of Health		2,429.37
Total		$60,849.14

25,363 Hospital Days at 2.399 per diem.

REPORT OF BUREAU OF TUBERCULOSIS.

Following the appropriation by the Board of Supervisors of the sum of $5,000.00 for the year 1916-17 for the employment of social service workers for tuberculosis work, I was selected by the Board of Health as director, without salary, of the Bureau of Tuberculosis to be established.

A committee was later appointed by the Civil Service Commission, consisting of Miss Katherine C. Felton, Dr. Phillip King Brown, Dr. Rene Bine, Mr. Paul Scharrenberg and Miss Agnes C. Regan, to give an examination for an eligible list of social service workers to fill the positions in this Bureau and social service positions in other branches of the city government. An eligible list was formed and from it in January, 1917, four social service workers were assigned to the Tuberculosis Bureau:

Miss Annette H. Flagg,
Miss Eliza McKinne,
Miss F. E. Noonan,
Miss Veronica Beard.

In February Miss Beard resigned to accept a position with the Borough of Brooklyn, New York, and on February 21, 1917, Miss Ada B. Coffey was appointed in her place.

Miss Flagg was placed in charge of the social service work in the San Francisco Tuberculosis Hospital and reports as follows:

"The first weeks were spent in making a card catalogue of the names of patients, their date of entrance, ward and bed number. These were differently colored,—white for single men, pink for the single women, yellow for the married men, and blue for the married women. A glance at the catalogue shows the proportion of each and the overwhelming majority of the first. Another card catalogue was made for the subsidized patients, of whom there were 85 at that time; it was increased to 100 in March. Keeping both these lists up to date, making out the subsidy blanks, forwarding the applications to the State Board at Sacramento requires an average of 2 hours a day.

"A large share of the time of the Social Worker is spent in visits in the Wards. The patients, particularly those who have just come in are very glad to see some one who has time to talk with them, explain things about the Hospital which they do not understand, and listen to their stories. Very often this leads to an opportunity for a real service to them or to their families, and, in any case, it makes them feel that the Hospital is a friendly place.

"Very little outside visiting is done but occasionally a patient comes in who has not been treated in a Clinic and then a visit is made from the Hospital.

"Few children come into the Hospital, chiefly because the provision for them is inadequate. A boy of 2 years was brought in with his mother and after a few months had gained so much that he could be put into a foster-home. A suitable home was found for him through the Baby Hygiene Bureau of the Board of Health, he was put in the care of a Clinic, visited regularly and is now in fine condition. One of the patients was found to have a year old baby who was in a foster home but was not receiving proper care. He was brought into the Main Hospital for a short time and then transferred to another home where he will have all that he needs. He is also in the care of a Clinic. In both these cases the baby's board is paid by the father and the milk provided by the Associated Charities for one and by the San Francisco Association for the study and prevention of Tuberculosis for the other. The one remaining child in the Hospital

is a little colored boy of 7. He is hopelessly ill, but his happy smile is a constant inspiration to all who see him.

"The Social Service Worker tries to keep in touch with the agencies on the outside who have been interested in the patient before his coming to the Hospital. The Associated Charities has been given reports on the condition of 4 patients, to help them to obtain help for the families.

"One of the difficult problems is to find light work for the patients discharged as 'arrested' cases. Visits have been made to the Federal State Employment Offices and the situation explained. Co-operation has been promised but not very much has been accomplished. In the case of girls and women, who have been self-supporting, a fund maintained by the Episcopal Church can be called on for temporary help. One young woman, with a child of three, was taken care of for two weeks, while arrangements were being made by the Associated Charities to send her back to Australia.

"In the Dental Clinic 11 sets of teeth have been made for patients at a cost of 50% of the wholesale price, the other 50% coming out of the Social Service Fund. This fund also provides tooth paste (the Hospital furnishes the brushes) woolen caps, socks, writing paper and envelopes.

"A number of patients are now employed at small salaries. The Cobbler, who keeps the patients' shoes in repair at no cost to them and at a cost to the Hospital of 26 cents for new soles; the two Librarians, a man for men's wards, and a woman for the women's, who keep both bed and ambulatory patients supplied with books and magazines; an assistant Barber; two Messengers who go out to buy for the patients without charging them any commission.

"One of the great needs in the Hospital, but one which is seldom recognized by the patient, is occupation. There are many things which patients can be taught to do but it is not easy to find a market for most of them. A beginning has been made in net making, and this promises very well. Hammocks, laundry nets and shopping bags are being made and already a few have been sold. Everything is sterilized before it is sent out.

"Amusement is another necessity. Since April bi-monthly entertainments have been held. Concerts, illustrated lectures and a band concert by the Columbia Park Boys' Band have been very much enjoyed. In June a fund to buy a Moving Picture Machine was started, the first dollar being given by one of the women patients. The Bulletin agreed to make an appeal and in a short time $160 was raised. A machine was bought and two 'shows' have been given, the films for both being given by Dr. Dolliver of the Motion Picture Company. The screen is set up in front of the women's ward so that the bed patients can see, and the ambulatory patients, both men and woment, sit in the garden and on the porches. It would be hard to find anywhere a group of people having a better time."

Miss McKinne, Miss Noonan and Miss Beard were assigned to district social service visiting and they work in connection with the five nurses of the San Francisco Association for the Study and Prevention of Tuberculosis. The city is divided into three Clinic Districts—the Tuberculosis Association Clinics at 1547 Jackson Street and 24 Street, and the Stanford Chest Clinic at Sacramento at Webster Street. These districts are again subdivided into eight visiting districts with a social service worker for each district.

Below, Table No. 7, is given a list in tabular form of visits made by all workers from January to June 30, 1917. In addition to this the nurses attend their district Clinic wherever held, two or three times a week. Miss McKinne has also spent some of her time at the Open Air School on Greenwich Street.

Some slight changes, I think for the better, have been made in the keeping of records of the cases of tuberculosis reported.

I cannot speak too highly of the present personnel—they are hard workers and conscientious and I wish to compliment them on their work.

In conclusion I would recommend that a supervising nurse be appointed, and if San Francisco is to hold her own with other cities throughout the United States that are making a fight against tuberculosis, more nurses should be added, and estimating the number required by the number in the employ of these other cities and using the death rate from all forms of tuberculosis as a basis (one nurse for every fifty deaths) San Francisco should have about six more nurses.

Respectfully submitted,

W. R. P. CLARK, M. D.

TABLE 7

BUREAU OF TUBERCULOSIS.

Summary of Visits Made and Disposal of Cases	New	Current	Observation	Total
Clinic Cases	22	1006	59	1087
Non-Clinic Cases	59	26	185	270
In Behalf of Patients	.....	.....	.....	502
On Physicians	27	.....	.....	.....
On Clergy	1	.....	.....	.....
On Organizations	430	.....	.....	.....
To Secure New Patients	.....	.....	.....	145
Miscellaneous	44	.....	.....	.....
Total	583	1026	244	2004

Suspected cases referred to Clinic	40
Cases sent to T. B. Hospital	14
Cases sent to other Hospital	3

TABLE No. 8.

FREE ANTITOXIN DISPENSED FISCAL YEAR 1916-17.

	20,000 units	10,000 units	5,000 units	2,000 units	1,000 units
1916—July		20	20		55
August		10	10		20
September		15	10		30
October		22	23	12	40
November		15	15		20
December		35	30	36	50
1917—January		36	40		65
February	1	20	20		35
March		45	40		45
April		25	26		40
May		30	15		45
June		5	5		35
Total	1	278	254	48	480

Total units dispensed 4,646,000.

TABLE 9.

ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Fumigations—													
Diphtheria	986	80	72	51	64	108	118	108	74	85	84	75	67
Scarlet Fever	877	54	27	35	38	71	81	82	107	155	103	68	56
Smallpox	87					2			44	31	10		
Tuberculosis	983	57	84	74	91	68	82	96	93	100	93	78	67
Cerebro Spin. Meningitis	7			1			1	1	1		1		2
Typhoid Fever													
Glanders	33	7		6	2	4	4	2	1	1	2	3	1
Other Cases	20		2	2	3	3	2	1	2	4		1	
Poliomyelitis	45	3	2	6	9	12	9	4					
Total	3038	201	187	175	207	268	297	294	322	326	293	225	193
Rooms Fumigated	5,213	351	337	241	385	445	476	544	561	665	527	339	342
Cubic Feet Disinfected	10,918,055	626,300	670,400	431,300	690,300	938,600	995,200	1174,200	1348,855	1484,400	1115,100	681,700	761,700
Material Used—													
Sulphur (lbs.)	278	81	50	4	19	15	16	26	14	13	8	32	
Formaldehyde, solid	9,317	406	574	492	688	789	824	919	1,133	1,309	935	603	645
Formaldehyde (liquid) oz	6,014	168	336	540	432	336	732	902	528	528	396	864	252
Wescol Compound	570	148	62	136	24	28	16				48	108	

TABLE 10.

MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

Calendar Year 1916	Ages												
	Total Deaths Under 1 Year	Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
January	50	12	3	4	.....	.....	4	4	1	5	7	7	3
February	28	5	.....	1	.....	1	4	3	1	1	4	3	5
March	57	10	1	5	7	.....	4	3	2	6	8	6	5
April	51	12	1	.....	4	1	2	3	8	4	10	2	4
May	37	4	2	2	4	1	3	3	2	4	5	1	6
June	34	11	.....	2	3	.....	1	2	5	.....	6	3	1
July	46	9	.....	2	3	.....	5	2	4	1	5	8	7
August	41	6	.....	2	5	1	5	3	5	1	3	6	4
September	40	5	1	3	3	.....	3	3	7	3	3	7	2
October	27	12	.....	.....	3	.....	.....	1	3	.....	1	3	4
November	44	14	.....	2	5	1	3	1	2	2	3	6	5
December	58	14	.....	3	2	1	2	2	4	3	10	9	8
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54
MALE	303	76	8	14	20	4	20	26	27	17	34	29	32
FEMALE	210	38	.....	12	19	2	16	4	17	13	31	32	22
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54
WHITE	471	103	8	26	35	4	34	24	37	28	62	57	53
BLACK	4	.....	.....	.....	1	.....	.....	1	1	.....	.....	1	.....
CHINESE	22	6	.....	.....	1	.....	1	3	4	2	2	2	1
JAPANESE	16	5	.....	.....	2	2	1	2	2	.....	1	1	.....
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54

CAUSES OF DEATH (International Classification.)													
7	Scarlet Fever	1										1	
8	Pertussis	11					1		1		4	3	2
9	Diphtheria	3										1	2
18	Erysipelas	2							1				1
28	Pulmonary Tuberculosis	1									1		
29	Miliary Tuberculosis	1											1
30	Tuberculosis Meningitis	7									1	4	2
31	Abdominal Tuberculosis	4									1	1	2
35	Disseminated Tuberculosis	1										1	
36	Rickets	2									1	1	
37[1]	Syphilis (Congenital)	20	2		1	1	1	2	5	2	2	2	2
55	Acidosis	1									1		
	Purpura Hemorrhagica	1					1						
61	Simple Meningitis	9					1		1	1	4	1	1
61[3]	Epidemic Cerebro Spinal Meningitis	1											1
63	Poliomyelitis	1											1
71	Convulsions of Infants	1	1										
78	Acute Endocarditis	1											1
79[1]	Valvular Heart Disease	3					1		2				
84	Status Lymphaticus	1									1		
87	Spasm of Glottis	1										1	
89	Acute Bronchitis	7								2	3	1	1
91	Bronchopneumonia	67		1	1		1	6	9	8	10	17	14
92	Lobar Pneumonia	36					2	4	3	1	11	3	12
93	Pleurisy	1										1	
104	Foreign Body in Stomach	1											1
	Cholera Infantum	2							1			1	
	Diarrhea	2							1	1			
	Entritis	5						1	2			2	
	Entero-colitis	4			1			1	1				1
	Gastro-enteritis	46				3	7		6	5	13	7	5
	Ileo-colitis	7			1			2				2	2
109[2]	Obstruction Intestines	5			1						1	3	
110	Other diseases intestines	1										1	
119	Acute Nephritis	5			1						2	2	
122	Pyonephrosis	1										1	
145	Erythema (septicemia fol.)	1											1
	Impetigo (sempticemia fol.)	1						1					
	Pemphigus	1						1					
146	Mastociditis	1										1	
150[1]	Hydrocephalus	2									2		
150[2]	Congenital Malformation Heart	26	9		3	5	1	4	1	1	1	1	

TABLE 10—Continued.

MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

Calendar Year 1916	Ages												
	Total Deaths Under 1 Year	Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
150[3] Other congenital malformations													
Spina Bifida	2	1									1		
Cleft Palate	2										1	1	
Hydrocephaly	1	1											
Imperforate Anus	2		1					1					
Pyloric Stenosis	3		1						2				
Spina Bifida	2							1		1			
Enlarged Thymus	1									1			
151[1] Premature Birth	118	76	1	9	9	1	8	5	5	2	2		
151[2] Congenital Debility	17	1		2	4		3	1	1	4	1		
Icterus Neonatorum	1						1						
152[1] Other diseases early infancy													
Instrumental Delivery	16	8		3	2	1		1	1				
Difficult Labor	1	1											
152[2] Asphyxia Neonatorum	4	4											
Atlelectasis Neonatorum	23	8	4	4	5			2					
Hemorrhagica Neonatorum	9		1	1	5		2						
Hemorrhage from Circumcision	1				1								
Melena Neonatorum	2			1	1								
Hemorrhage Umbilicus	2	2											
Infection Umbilical Cord	3			1			2						
Suffocation (accid. overlaid)	3				1		1				1		
153 Lack of Care	1									1			
172 Fall from baby cart	2											1	1
Fall to floor	1								1				
Fall from window	1										1		
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54

TABLE 10

To the Health Officer.

Sir: Herewith is respectfully submitted a report of the division of school health inspection for the fiscal year ended June 30 1917.

Fifteen thousand six hundred and thirty-five routine physical examinations were made during the fiscal year by the medical inspectors; six thousand and eighty more than were made during the previous fiscal year. Not only were all children entering school examined but re-examinations were made in intermediate and grammar schools. This increased amount of work was possible owing to an augmented corps in the division of school health inspection, i.e., an additional assistant medical inspector and three additional school nurses.

In September of the fiscal year, through the solicitation of His Grace Archbishop Edward J. Hanna, the paroachial schools of San Francisco were included within the scope of health inspection. This was truly epochal because through it, all elementary school children were put under the observation of the school nurse, who is now universally considered a most potent auxiliary to modern educational forces

Each suceeding year shows a marked diminution of the prevalence of pediculosis capitis among the school children of San Francisco. This condition is due to the vigilance of the school nurse and could only be consummated under an organized system of school health inspection.

Cognizant of the frequency of dental caries among school children and of the constitutional and local causes underlying this condition, the medical inspectors in their routine examinations of the school children have given especial attention to this subject. Twenty-nine per cent of the total number of children examined during the year were found to have defective teeth; and accordingly defect notices were sent to parents, advising the immediate attention of the family dentist or that of a dental clinic in proximity to the residence of the child.

Sporadic attempts have been made during the year by certain organizations to disturb the fabric of school health inspection. During the last session of the State Legislature three pernicious measures aiming at the destruction of health inspection were introduced; one of these failed of passage and two others passed both houses of the legislature, but fortunately were pocket vetoed by His Excellency the Governor, who is evidently thoroughly familiar with the incalculable benefits resulting from health inspection in the schools of the State.

If any progress has been made during the past fiscal year in the system of health inspection of schools, that progress in no small measure is due to the Board of Education, the Superintendent of Schools and the Rev. Ralph Hunt, Superintendent of Parochial Schools, for unselfish and assiduous co-operation.

Appended will be found a recapitulation of work accomplished in both public and parochial schools, together with a separate report dealing with parochial schools exclusively.

Respectfully,

THOS. D. MAHER, M. D.,
Chief Medical Inspector of Schools.

TABLE 11

DIVISION OF SCHOOL HEALTH INSPECTION—(PUBLIC SCHOOLS).

Exclusions from public schools for the communicable diseases for the fiscal year ended June 30, 1917, were as follows:

Chickenpox	1,020
Chorea	7
Diphtheria	354
Diphtheria Carriers	24
Measles	2,870
Mumps	1,314
Scarlet Fever	435
Smallpox	12
Tonsilitis (acute)	63
Trachoma	8
Whooping Cough	173
Meningitis	1
Infantile Paralysis	6
Contacts (all)	3,321
Total	9,608
General examination by nurses	188,492
Home visits by nurses	14,121
Dressings by nurses	9,493
Treatments by nurses	9,556
Examinations by Medical Inspectors	15,635
Defect notices issued parents	4,076
Vaccinations by Medical Inspectors	1,842
Swabs by Medical Inspectors	708
Results of defect notices issued parents—	
Treated by operation	811
Treated without operation	80
Vision corrected by glasses	236
Referred to clinics	287
Referred to societies	10

TABLE 11—(Continued).

EXCLUSIONS FROM PAROCHIAL SCHOOLS.

Chickenpox	52
Diphtheria	28
Measles	194
Mumps	53
Scarlet Fever	19
Smallpox	3
Tonsilitis (acute)	5
Whooping Cough	3
Diphtheria Carriers	2
Contacts (all)	206
Total	565
General examinations by nurses	3,442
Home visits by nurses	800
Dressings by nurses	299
Treatments by nurses	227
Vaccination dressings	33
Vaccinations by Medical Inspectors	21
Swabs by Medical Inspectors	65
Treated by operation	3
Treated without operation	1
Vision corrected by glasses	6
Referred to clinics	5

TABLE 12

ANNUAL REPORT, DIVISION OF FOOD INSPECTION.

INSPECTIONS MADE.

Class of Business	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bakeries	44		1	5	4	2	12	3	7	4	2	2	2
Butchershops	175	16	20	28	9	7	12	12	5	25	15	16	10
Candy Factories and Stores	361	4	4	13	78	20	11	119	20	35	16	18	23
Commission Houses	893	86	13	48	54	74	84	119	108	90	73	79	65
Delicacy Stores	179	6	4	6	13	26	2	38	13	11	19	21	20
Fruit Stores	349	45	13	107	18	8	18	20	13	37	28	14	28
Markets	885	25	13	65	49	127	196	21	56	80	66	101	86
Grocery Stores	683	36	26	50	48	63	61	97	58	75	74	45	50
Hotels and Restaurants	478	38	17	42	121	38	37	26	22	43	32	27	35
Milk Depots	52	12	5	2		3		3		5	1	3	18
Peddler Wagons	41		7				6			17	1	8	2
Wharves	179	22	8	2				6	51	29	18	30	13
Miscellaneous	1189	104	62	91	123	110	129	98	83	44	90	127	128
Warehouses	158		1			17	10	14	17	46	4	28	21
Total	5666	394	194	459	517	495	578	576	453	541	439	519	501

CONDEMNATIONS AND SEIZURES

Fruits—6075 pineapples, 507 boxes oranges.
Vegetables and Cereals—17 sacks, 20 boxes, 45 crates.
Canned and Bottled Goods, Dried Fruits—1,655 cans, 84 bottles, 4 kegs, 192 gal. cans, 190 lbs.
Poultry and Game—10 rabbits.
Miscellaneous—788 lbs.
Food and Drink Samples collected for Chemical Analyses, 791.
Nuisances Abated by Written Notice—404.

TABLE 13

ANNUAL REPORT DIVISION DAIRY INSPECTION

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
*Dairies Inspected in San Francisco County	510	7		21	99	82	59	63	61	72	11	11	24
Dairies Inspected in other counties	1280	82	103	118	83	92	87	120	89	123	127	139	117
*Dairy Depots	1784	39	27	7	95	116	163	246	111	196	280	242	262
*Miscellaneous Milk Venders	1128	27		91	96	108	159	106	35	50	56	226	174
Total	4702	155	130	237	373	398	468	535	296	441	474	618	577
Cows	142754	10652	10963	11962	8955	10977	11091	12456	11071	14293	14180	12360	13794
Cows Placed Under Quarantine	440	51	26	31	36	29	23	39	20	41	41	77	26
Cows Condemned and Killed	365	10	11	7	111	141	8	7	6	10	17	26	11
Milk Cans Condemned	242	29	31	6	27	33	30	26	20	49	23	33	35
Samples of Water Taken for Analysis	1		1										

* Inspections covered by two lay inspectors and one inspector of pasteurizing plants, also a layman. All other inspections performed by two Dairy Veterinarians in the field.

TABLE 14

ANNUAL REPORT, DIVISION OF MILK INSPECTION

Samples Taken From	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Milk Wagons	448	1	65	3		38	84		130	98	27		2
Depot and Dairies	405			1	7	35	15			73	142	85	47
R. R. Depots and Wharves	2789	79	61	359	340	261	185	329	148	250	325	199	253
Groceries	14			11		1							2
Delicatessen Stores													
Hotels and Restaurants	82				35	44	2				1		
Bakeries													
Miscellaneous	2	1		1									
Total	3740	81	126	375	382	379	286	329	278	421	495	284	304

TABLE 15.

MILK BELOW STANDARD

Date	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Disposition
1916								
July 5	38.5	3.2	10.81	7.61	0.2	0.89	10% water	Arrested
July 6	41.9	3.2	12.12	8.82	0.2			Warned
July 6	42.5	2.9	12.05	9.15	0.5		Skimmed	Warned
Aug. 23	39.5	3.5	11.72	8.22		0.28	Added water	Warned
Aug. 29	37.7	3.6	11.43	7.83		0.67	10% water	Arrested
Sept. 13	42.1	2.7	11.52	8.82	0.7			Arrested
Sept. 16	41.5	3.3						Warned
Sept. 20	39.1	3.5	11.75	8.25		0.35	10% water	Arrested
Sept. 26	41.6	3.1	11.60	8.50	0.3			Arrested
Sept. 26	37.0	3.1	10.44	7.34	0.3	1.16	15% water	Arrested
Sept. 26	41.2	3.0	11.71	8.71	0.4			Warned
Sept. 27	40.6	2.9	10.70	7.80	0.5	0.70	10% water	Arrested
Sept. 16	42.0	2.9	11.55	8.65	0.5		Skimmed	Arrested
Sept. 16	41.9	2.8	11.37	8.57	0.6		Skimmed	Arrested
Oct. 5	41.7	2.6	10.15	7.55	0.8	0.99	Skimmed and watered	Arrested
Oct. 5	32.2	2.2	7.82	5.62	1.2	2.88	35% water	Arrested
Oct. 5	41.3	2.7	11.15	8.45	0.7	0.05	Skimmed	Arrested
Oct. 4	37.0	2.9	9.38	6.48	0.5	2.02	25% water	Arrested
Oct. 9	40.2	3.1	11.77	8.67	0.3			Warned
Oct. 13	39.7	3.6	11.80	8.20		0.30		
Oct. 13	37.3	3.0	10.45	7.45	0.4	1.05	20% water	Arrested
Oct. 17	42.1	1.9	10.68	8.78	1.5			Arrested
Oct. 17	43.0	2.5	11.32	8.82	0.9			Arrested
Oct. 18	41.2	3.0	11.68	8.68	0.4			Arrested

TABLE 15—Continued.

Date	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Disposition
1916								
Oct. 25	41.5	3.1	11.67	8.57	0.3			Warned
Oct. 25	42.0	2.8	12.28	9.28	0.6			Arrested
Oct. 27	41.8	2.8	11.91	9.11	0.6			Arrested
Oct. 27	42.1	2.5	11.63	9.13	0.9			Arrested
Oct. 31	39.7	3.8	11.76	7.96			'0% water	Arrested
Nov. 13	43.2	3.2	12.18	8.98	0.2			Warned
Nov. 13	42.7	2.9	11.50	8.60	0.5			Warned
Nov. 22	38.8	3.8	11.74	7.94		0.56	10% water	Arrested
Nov. 25	43.2	3.1	12.67	9.66	0.3			Warned
Nov. 14	42.0	2.2	11.36	9.16	1.2			Warned
Nov. 14	40.0	1.9	10.16	8.26	1.5		Skimmed and watered	Arrested
Nov. 17	41.5	2.1	11.09	8.99	1.3			Warned
Nov. 17	40.2	3.2	11.74	8.54	0.2			Warned
Nov. 17	41.4	2.5	11.88	8.68	0.9			Warned
Nov. 17	40.0	2.0	10.73	8.73	1.4			Warned
Nov. 17	40.0	3.3	11.54	8.24	0.1	0.26	Watered	Arrested
Nov. 17	40.1	1.9	10.03	8.13	1.5	0.37	Skimmed and watered	Arrested
Nov. 20	39.2	4.1	12.19	8.09	3.2	0.41	10% water	Arrested
Nov. 20	39.0	4.1	12.21	8.11		0.39	10% water	Arrested
Dec. 7	39.4	3.6	11.72	8.12		0.38	10% water	Arrested
Dec. 15		2.6						Warned
Dec. 17	42.7	1.8	11.09	9.29	1.6			Warned
Dec. 19	38.5	3.2	10.68	7.48	0.2	1.02	15% water	Arrested
1917								
Jan. 8	39.2	4.0	11.45	7.45		1.05	10% water	Arrested
Jan. 8	42.7	2.2			1.2			Warned
Jan. 10	38.7	4.1	11.62	7.62		0.88	10% water	Arrested

1917								
Jan. 22	33.4	3.2	9.16	5.96	0.2	2.54	30% water	Arrested
Jan. 22	41.3	3.0	11.66	8.66	0.4			Warned
Jan. 23	39.5	4.2	12.24	8.04			10% water	Arrested
Jan. 25	43.2	3.1	12.42	9.32	0.3			Warned
Jan. 25	41.8	3.1	11.94	8.84	0.3			Warned
Jan. 13	39.1	3.9	11.88	7.98		.52	10% water	Arrested
Feb. 6	41.8	3.1	11.43	8.13	0.3	0.37		Warned
Feb. 13	40.4	3.0	11.16	8.16	0.4	0.34	4% water	Arrested
Mar. 6	42.6	3.0	11.53	8.53	0.4			Warned
Mar. 7	43.0	3.2	12.42	9.82	0.2			Warned
Mar. 8	43.0	3.2	12.36	9.16	0.2			Warned
Mar. 8	43.7	2.9	12.12	9.32	0.5			Warned
Mar. 8	43.0	2.7	12.87	10.17	0.7			Warned
Mar. 8	41.0	3.0	11.18	8.18	0.4	0.32		Warned
Mar. 9	41.3	2.9	11.51	8.61	0.5			Warned
Mar. 28	39.2	3.9	11.87	7.97		0.53	10% water	Arrested
Mar. 28	39.0	3.8	11.45	7.65		0.85	10% water	Arrested
Mar. 28	42.2	2.0	11.80	9.80	1.4		Skimmed	Warned
Mar. 29	38.4	3.0	10.56	7.56	0.4	0.94	10% water	Arrested
Mar. 29	41.7	2.8	11.58	8.78	0.6		Skimmed	Warned
Apr. 3	42.6	2.6	11.89	9.29	0.8			Warned
Apr. 3	42.4	3.1	11.93	8.83	0.3			Warned
Apr. 3	39.3	3.5	11.75	8.25		0.25	10% water	Arrested
Apr. 3	35.8	3.4	10.12	6.72		1.78	20% water	Arrested
Apr. 4	42.4	3.0	12.51	9.51	0.4			Warned
Apr. 4	42.4	3.1	12.23	9.13	0.3			Warned
Apr. 5	39.7	4.0	12.21	8.21		0.29		Warned
Apr. 5	41.0	2.9	11.70	8.80	0.5			Warned
Apr. 5	39.5	3.6	11.58	7.98		0.52		Warned
Apr. 5		2.5	11.47	8.97	0.9			Warned
Apr. 18	42.0	2.8	11.45	8.65	0.6			Warned
Apr. 18	41.0	3.0	11.41	8.41	0.4	0.09		Warned
Apr. 19	42.2	2.4	11.88	9.48	1.0			Warned

TABLE 15—Continued.

Date	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Disposition
1917								
Apr. 20	42.0	3.0	11.94	8.94	0.4			Warned
Apr. 20	42.2	3.0	12.03	9.03	0.4			Warned
Apr. 20	42.9	2.0	10.96	8.96	1.4			Arrested
June 4	39.5	3.6	11.58	7.98		0.52	10% water	Arrested
June 6	41.7	2.9	11.42	8.52	0.5			Warned
June 6	42.8	2.9	12.00	9.10				Warned
June 7	43.1	2.8	11.58	8.78	0.6			Warned
June 11	42.3	2.8	11.01	8.21	0.6	0.29		Arrested
June 11	43.4	2.9	11.90	9.00	0.5			Arrested

TABLE 15—Continued.

RESULTS OF ARRESTS AND PROSECUTIONS BY THE LABORATORY

Ordinance 3961 (regulating the handling and sale of milk).

Date of Offense	Date of Trial	Disposition of Case
June 13, 1916	July 13, 1916	$10.00.
May 9, 1916	July 6, 1916	Dismissed.
June 13, 1916	July 17, 1916	Sentence suspended 6 months.
June 13, 1916	July 18, 1916	O. R. 6 months.
June 27, 1916	July 18, 1916	O. R. 60 days.
June 26, 1916	July 27, 1916	$200.00.
June 17, 1916	July 27, 1916	O. R.
June 17, 1916	July 27, 1916	$140.00.
June 26, 1916	Aug 4, 1916	$100.00.
June 28, 1916	Aug. 5, 1916	$50.00.
June 28, 1916	Aug. 22, 1916	O. R. 60 days.
June 13, 1916	Aug. 4, 1916	Dismissed.
June 27, 1916	Aug. 18, 1916	Dismissed.
June 28, 1916	Aug. 16,1916	Dismissed.
July 5, 1916	Aug. 31, 1916	$10.00.
July 29, 1916	Sept. 14, 1916	Dismissed.
Oct. 5, 1916	Oct. 17, 1916	$10.00.
Oct. 4, 1916	Oct. 18, 1916	$10.00.
Sept. 16, 1916	Oct. 17, 1916	$10.00.
Sept. 5, 1916	Oct. 23, 1916	Dismissed.
Sept. 15, 1916	Oct. 23, 1916	$10.00.
Sept. 13, 1916	Nov. 15, 1916	O. R. 60 days.
Sept. 15, 1916	Nov. 15, 1916	$25.00.
Sept. 26, 1916	Dec. 1, 1916	O. R. 60 days.
Nov. 24, 1916	Dec. 5, 1916	O. R. 60 days.
Nov. 22, 1916	Dec. 8, 1916	O. R. 60 days.
Nov. 20, 1916	Dec. 8, 1916	O. R. 60 days.
Sept. 20, 1916	Dec. 19, 1916	$25.00.
Dec. 19, 1916	Dec. 29, 1916	$25.00.
Nov. 20, 1916	Jan. 3, 1917	$25.00.
Nov. 17, 1916	Jan. 3, 1917	$10.00.
Jan. 10, 1917	Jan. 31, 1917	$50.00.
Jan. 13, 1917	Feb. 1, 1917	$50.00.
Jan. 23, 1917	Feb. 5, 1917	$10.00 forfeited.
Jan. 22, 1917	Feb. 9. 1917	O. R. 90 days.
Jan. 7, 1917	Feb. 21, 1917	$100.00.
Mar. 28, 1917	April 23, 1917	$25.00.
Mar. 3, 1917	Mar. 30, 1917	$100.00.
May 20, 1917	April 1, 1917	Dismissed.

TABLE 16.

BACTERIAL COUNTS—JULY, 1916.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000		
10,000 to 50,000	46	
50,000 to 100,000	1	
100,000 to 250,000	4	
250,000 to 500,000	7	
500,000 to 1,000,000	11	
Over 1,000,000	8	
	77	

Rating for the month, Levy method, 61%.

MILK BACTERIAL COUNTS—AUGUST, 1916.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000		
10,000 to 50,000	8	18
50,000 to 100,000	1	4
100,000 to 250,000		4
250,000 to 500,000		4
500,000 to 1,000,000		
Over 1,000,000		
	9	30

Rating for the month, Levy method, 77%.

MILK BACTERIAL COUNTS—SEPTEMBER, 1916

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000		
10,000 to 50,000	211	
50,000 to 100,000	48	
100,000 to 250,000	39	
250,000 to 500,000	27	
500,000 to 1,000,000	11	
Over 1,000,000	17	
	353	

Rating for the month, Levy method, 72%.

MILK BACTERIAL COUNTS—OCTOBER, 1916.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	167	
10,000 to 50,000	59	
50,000 to 100,000	51	
100,000 to 250,000	40	
250,000 to 500,000	12	
500,000 to 1,000,000	10	
Over 1,000,000	4	
	343	

Rating for the month, Levy method, 82%.

TABLE 16—Continued.

MILK BACTERIAL COUNTS—NOVEMBER, 1916.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	148	2
10,000 to 50,000	45	4
50,000 to 100,000	28	4
250,000 to 250,000	5	1
500,000 to 1,000,000	1	
Over 1,000,000		
	249	11

Rating for the month, Levy method, 89%.

MILK BACTERIAL COUNTS—DECEMBER, 1916.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	62	
10,000 to 50,000	28	
50,000 to 100,000	38	
100,000 to 250,000	20	
250,000 to 500,000	1	
500,000 to 1,000,000	1	
Over 1,000,000	1	
	151	

Rating for the month, Levy method, 83%.

MILK BACTERIAL COUNTS—JANUARY, 1917.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	149	
10,000 to 50,000	61	
50,000 to 100,000	66	
100,000 to 250,000	22	
250,000 to 500,000	10	
500,000 to 1,000,000	9	
Over 1,000,000	6	
	323	

Rating for the month, Levy method, 82.4%.

MILK BACTERIAL COUNTS—FEBRUARY, 1917.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	71	39
10,000 to 50,000	31	30
50,000 to 100,000	22	27
100,000 to 250,000	17	10
250,000 to 500,000	3	
500,000 to 1,000,000	2	
Over 1,000,000	4	
	150	106

Rating for the month, Levy method, 83.1%.

TABLE 16—Continued.

MILK BACTERIAL COUNTS—MARCH, 1917.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	47	67
10,000 to 50,000	28	47
50,000 to 100,000	32	32
100,000 to 250,000	21	31
250,000 to 500,000	3	25
500,000 to 1,000,000	1	16
Over 1,000,000	2	22
	134	240

Rating for the month, Levy method, 82%.

MILK BACTERIAL COUNTS—APRIL, 1917.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	42	57
10,000 to 50,000	18	91
50,000 to 100,000	18	55
100,000 to 250,000	9	19
250,000 to 500,000	4	28
500,000 to 1,000,000	3	32
Over 1,000,000	1	19
	95	301

Rating for the month, Levy method, 69%.

MILK BACTERIAL COUNTS—MAY, 1917.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	30	13
10,000 to 50,000	41	15
50,000 to 100,000	25	9
100,000 to 250,000	14	6
250,000 to 500,000	11	2
500,000 to 1,000,000	6	1
Over 1,000,000	10	
	137	46

Rating for the month, Levy method, 73%.

MILK BACTERIAL COUNTS—JUNE, 1917.

Bacteria per c.c.	Number of samples Shippers	Number of samples Wagons—Stores
Under 10,000	11	5
10,000 to 50,000	26	4
50,000 to 100,000	21	9
100,000 to 250,000	35	5
250,000 to 500,000	24	2
500,000 to 1,000,000	23	1
Over 1,000,000	31	2
	171	28

Rating for the month, Levy method, 47%.

TABLE 16—Continued.

BACTERIAL INDEX.

The Bacterial Index of the milk supply of the City as determined by the Levy method recommended by the American Public Health Association was 74.9 per cent for the year 1916-17 as shown below:

	Samples No. of	Figure Rating	Product
Under 10,000	910	100	91,000
10,000 to 50,000	811	90	72,990
50,000 to 100,000	491	75	36,825
100,000 to 250,000	319	50	15,950
250,000 to 500,000	168	20	3,360
500,000 to 1,000,000	128	10	3,360
Over 1,000,000	127	0	0
	2954		221,405

$$\frac{221405}{2954} = 74.9\%$$

TABLE 17.

CHEMICAL LABORATORY

GENERAL SUMMARY OF ANALYSES MADE DURING THE FISCAL YEAR ENDING JUNE 30, 1917.

Air	4	Macaroons	1
Anchovies	1	Maple Syrup	1
Aspirin Tablets	4	Meat	7
Baking Powder	1	Meat Pickle	2
Beans	2	Medicine	1
Beautifier	1	Milks	3673
Beer	276	Minced Clam	1
Black Powder	1	Mission Punch	1
Blanket	2	Mustard	2
Bread	22	Non-alcoholic drinks	3
Butter	7	Noodles	10
Candle Nuts	1	Olive Oil	5
Candy	28	Olives	4
Candy Color	2	Oranges	14
Candy Flavor	1	Oysters	1
Canned Crab	1	Pastry	6
Canned Salmon	2	Peanut Candy	1
Canned Shad	1	Peanuts	2
Canned Shrimp	4	Pickles	5
Canned Fish	5	Pills	5
Catsups	3	Pills	1
Chili Sauce	1	Porks and Beans	2
Cleaners	3	Relishes	1
Clam Chowder	1	Rouge	2
Coffee	4	Salad Oil	2
Cold Cream	1	Salmon Paste	1
Condensed Milk	18	Sardines	6
Corn	5	Sausage	48
Cream	29	Sausage Cereal	1
Devilled Sardines	1	Soap	4
Disinfectants	5	Soda Water	14
Drug (Gon. Remedy)	1	Stuffed Olives	1
Eggs	2	Sugar	4
Face Powder	1	Table Cloth	1
Face Cream	1	Table Syrup	1
Fish	4	Thermometers	50
Fish Flakes	1	Tomato Puree	3
Flour	2	Tomato Sauce	1
Foods	7	Toxicological	33
Frankfurters	2	Urine	29
Hamburger	8	Vinegar	3
Honey	4	Waters	279
Hot Sauce	1	Whisky	9
Ice Cream	27	Wine	3
Jams	4	Worcestershire Sauce	1
Lard	2	Wyandotte Cleanser	1
Liq. Cresolis Comp.	1		
			4746

TABLE 19.

SPRING VALLEY WATER CO.—CLARENDON HEIGHTS—FISCAL YEAR 1916-1917.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as				Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	PRESUMPTIVE COLON TEST
						Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia					
7-21-16	Clear	274	59	215	21		Trace	.013	.1300	1	B. 3	400	380	B. Coli absent in 10cc
9-7-16	Turbid, good	302	70	232	26	None	.560	.1040	.0546	1	Bl. 2	250	130	B. Coli absent in 10cc
10-4-16	Clear, good	270	56	214	24	None	None	.0338	.0702	1	B. 3	200	108	B. Coli absent in 10cc
11-9-16	Clear	326	43	283	25	None	Trace	.0260	.0572	1	B.S. 2	50	56	B. Coli absent in 10cc
12-28-16	Turbid	315	60	255	26	Trace	0.9000	.0702	.1131	2	B.S. 2	192	128	B. Coli present in 5cc
1-15-17	Turbid	297	70	227	23	None	0.9000	.0169	.0312	1	B. 3	28	26	B. Coli present in 10cc
2-23-17	Clear	287	43	244		None		.0311	.0663	1	B. 3	9200	5700	B. Coli absent in 10cc
3-21-17	Clear, good	268	35	233	20	None	0.800	.0208	.0689	1	B. 3	38	8	B. Coli present in 5cc
4-11-17	Turbid, fair	231	40	191	27	Trace	Trace	.0208	.0687	1	B. 3	2300	60	B. Coli absent in 10cc
5-10-17	Turbid, good	237	30	207	23	None	Trace	.0065	.0702	1	Bl. 2	80	40	B. Coli present in 5cc
6-14-17		230	55	175	25	Trace	.160	.0117	.0936	1	B.		250	B. Coli absent in 10cc

SPRING VALLEY WATER CO.—CLAY ST. TANK—FISCAL YEAR 1916-1917.

7 21 17	Clear	249	70	179	24	None	Trace	.0260	.1118	2	B. 3	600	3000	B. Coli present in 10cc
9-7-16	Clear, good	275	35	240	29	Trace	.210	.0143	.0650	1	Bl. 2	120	100	B. Coli present in 10cc
11-10-16	Clear	268	36	232	27	None	Trace	.0429	0910	2	B. 3	24	24	B. Coli absent in 10cc
12-28-16	Turbid	302	28	274	29	None	Trace	.0117	.0728	1	B.S. 2	54	24	B. Coli absent in 10cc
1-15-17	Clear	307	69	238	26	None	0.900	.0494	.0858	1	B. 2	46	20	B. Coli present in 10cc
2-24-17	Clear	276	41	235		None		.0321	.0655	1	N.B. 1	120	20	B. Coli present in 10cc
3-20-17	Clear, good	267	50	217	23	None	0.600	.0078	.0624	1	B. 2	1400	12	B. Coli absent in 10cc
4-11-17	Clear, fair	238	33	205	21	Trace	Trace	.0065	.1170	1	B. 3	250	*	B. Coli absent in 10cc
5-10-17	Clear, good	267	75	192	23	None	Trace	.0104	.1027	1	Bl. 2	44	16	B. Coli present in 10cc
6-14-17	Clear	215	56	159	24	Trace	.160	.0169	.1118	1	B.		128	B. Coli absent in 10cc

* Spreader.

TABLE 19—Continued.

SPRING VALLEY WATER CO.—COLLEGE HILL—FISCAL YEAR 1916-1917.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	PRESUMPTIVE COLON TEST
7-19-16	Turbid	149	37	112	23	None	None	.0234	.1950	3	B. 3	240	130	B. Coli present in 10cc
9-16-16	Turbid	149	55	94	24	Trace	None	.0104	.1261	3	Bl. 2	46	30	B. Coli present in 10cc
10-2-16	Turbid, good	134	81	53	23	None	None	.0026	.1378	3	B. 3	140	20	B. Coli absent in 10cc
11-10-16	Clear	136	34	102	26	None	None	.0247	.0936	2	B. 3	14	10	B. Coli present in 5cc
12-28-16	Turbid	141	17	123	25	None	None	.0221	.3978	3	B. 3	66	36	B. Coli present in 5cc
1-15-17	Turbid	159	65	84	25	Trace	None	.0494	.1775	2	B. 3	54	320	B. Coli present in 10cc
2-23-17	Turbid	140	35	105	29	None	None	.0455	.1313	2	B. 3	60	22	B. Coli absent in 10cc
3-20-17	Turbid	152	41	111	24	None	Trace	.0065	.0949	1	B. 2	1400	12	B. Coli absent in 10cc
4-11-17	Turbid	243	65	178	21	None	Trace	.0104	.1846	1	B. 3	250	44	B. Coli absent in 10cc
5-8-17	Turbid	282	43	239	24	None	Trace	.0117	.1170	1	Bl. 2	*	28	B. Coli present in 1cc
6-11-17	Clear	238	38	200	23	Trace	Trace	.0390	.1651	1	B.	*	8064	B. Coli absent in 10cc

* Spreader.

SPRING VALLEY WATER CO.—FRANCISCO STREET RESERVOIR—FISCAL YEAR 1916-17.

7-19-16	Turbid	207	40	167	30	None	None	.0234	.1950	3	B. 3	5000	8000	B. Coli present in 1cc
9-7-16	Clear, fair	291	70	221	27	Trace	.0380	.0520	.0910	1	Bl. 2	800	200	B. Coli present in 10cc
10-4-16	Clear, good	196	30	166	32	None	None	.0195	.1079	2	B. 3	400	250	B. Coli present in 10cc
11-9-16	Turbid	200	29	171	30	None	Trace	.0481	.1235	2	B. 3	120	80	B. Coli absent in 10cc
12-27-16	Turbid	326	60	266	25	Trace	Trace	.0039	.1144	2	N.B. 1	94	80	B. Coli present in 1cc
1-15-17	Turbid	284	51	233	22	Trace	.600	.0169	.0507	1	N.B. 1	66	200	B. Coli present in 10cc
2-24-17	Turbid green	285	75	210		None		.0247	.1414	6	B. 3	250	48	B. Coli present in 10cc
3-21-17	Clear, fair	266	45	221	20	None	.800	.0143	.0572	1	B. 3	140	128	B. Coli absent in 10cc
4-11-17	Clear, good	224	68	156	21	None	Trace	.0130	.1066	1	B. 3	250	30	B. Coli absent in 10cc
5-10-17	Turbid	240	45	195	26	None	Trace	.0091	.0936	2	Bl. 2	380	300	B. Coli absent in 10cc
6-14-17	Clear	215	31	184	27	Trace	Trace	.0169	.0325	1	B.	*	1152	B. Coli present in 10cc

SPRING VALLEY WATER CO.—LOMBARD ST. RESERVOIR—FISCAL YEAR 1916-1917.

7-19-16	Turbid	167	37	130	29	None	Trace	.0234	.1690	2	B. 3	1200	200	B. Coli present in 5cc
9-7-16	Clear	173	25	148	29	Trace	.560	.0325	.1365	1	Bl. 2	500	260	B. Coli absent in 10cc
10-14-16	Clear	206	40	166	32	None	None	.0091	.1950	2	B. 3	200	120	B. Coli absent in 10cc
11-9-16	Turbid	198	21	177	30	None	Trace	.0297	.1157	2	B. 3	70	60	B. Coli absent in 10cc
12-28-16	Turbid	200	79	121	28	Trace	Trace	.0221	.1105	2	B. 3	64	170	B. Coli present in 1cc
1-15-17	Clean	204	66	138	32	Trace	Trace	.0169	.0949	2	B. 3	500	50	B. Coli present in 10cc
2-23-17	Clean	225	55	170		None		.0260	.0884	2	B. 3	530	10	B. Coli absent in 10cc
3-21-17	Turbid, yellowish	202	30	172	31	None	Trace	.0182	.1144	3	B. 3	88	*	B. Coli absent in 10cc
4-11-17	Clear, yellowish	227	57	214	44	None	None	.0286	.1820	2	B. 3	8000	*	B. Coli absent in 10cc
5-10-17	Turbid, fair	267	53	179	35	None	None	.0065	.2080	2	Bl. 1	60	30	B. Coli present in 1cc
6-14-17	Clear	236	57	172	33	Trace	Trace	.0208	.1820	2	B.	768	640	B. Coli absent in 10cc

* Spreader.

SPRING VALLEY WATER CO.—POTRERO HEIGHTS—FISCAL YEAR 1916-1917.

7-21-16	Clear, fair	261	45	216	23	None	None	.0143	.1820	2	B. 3	480	320	B. Coli absent in 10cc
9-6-16	Turbid, fair	307	53	254	27	Trace	.540	.0325	.1027	1	Bl. 2	380	250	B. Coli present in 10cc
10-2-16	Turbid, good	281	74	207	23	None	Trace	.0442	.0676	1	B. 2	200	100	B. Coli absent in 10cc
11-10-16	Clear	314	40	274	29	None	Trace	.0455	.0936	1	B.S. 2	18	12	B. Coli absent in 10cc
12-29-16	Turbid	305	46	259	26	Trace	.8000	.0445	.1235	2	N.B. 1	100	38	B. Coli present in 5cc
1-16 17	Clear	280	77	203	23	.0005	.600	.0299	.1274	1	B.S. 2	78	54	B. Coli present in 10cc
2-23 17	Turbid	283	30	253	32	None	Trace	.0156	.0962	1	B. 3	180	12	B. Coli present in 10cc
3-20-17	Clear, fair	264	41	223	20	Trace	Trace	.0104	.1131	1	Bl. 1	600	22	B. Coli absent in 10cc
4-15-17	Clear, yellowish	232	36	196	29	Trace	None	.0052	.1131	1	B. 2	380	18	B. Coli absent in 10cc
5-8-17	Turbid	253	68	185	28	None	None	.0325	.1235	2	B.	70	30	B. Coli present in 5cc
6-13-17	Clear	215	33	182	26	Trace	5.110	.0806	.2990	2	B.	1536	168	B. Coli absent in 10cc

TABLE 19—Continued.

SPRING VALLEY WATER CO.—PRESIDIO HEIGHTS—FISCAL YEAR 1916-1917.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as				Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	PRESUMPTIVE COLON TEST
						Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia					
7-21-16	Clear	265	61	204	23	None	Trace	.0117	.0481	1	B. 3	950	750	B. Coli absent in 10cc
9-7-16	Clear	342	52	209	27	Trace	.380	.0286	.0611	1	Bl. 2	250	60	B. Coli absent in 10cc
10-4-16	Clear	272	33	239	25	None	None	.0168	.0624	1	B. 2	350	150	B. Coli absent in 10cc
11-9-16	Clear	302	40	262	25	None	.600	.0312	.0884	1	B. 2	108	82	B. Coli absent in 10cc
1-26-17	Clear	287	42	245	22	None	.800	.0169	.0416	1	N.B. 1	2	700	B. Coli absent in 10cc
2-23-17	Clear	290	36	254		None		.0221	.0585	1	N.B. 1	4	10	B. Coli absent in 10cc
3-21-17	Clear	268	40	228	20	None	1.200	.0091	.0494	1	B. 3	30	10	B. Coli absent in 10cc
4-10-17	Clear	228	65	163	21	None	None	.0104	.1014	1	B. 3	1400	*	B. Coli absent in 10cc
5-14-17	Clear	249	40	209	24	None	None	.0065	.0741	2	Bl. 2	64	38	B. Coli present in 10cc
6-14-17	Clear	227	56	171	24	Trace	.220	.0234	.0572	1	B.	2204	640	B. Coli present in 1cc

* Spreader.

SPRING VALLEY WATER CO.—UNIVERSITY MOUND RESERVOIR—FISCAL YEAR 1916-1917.

7-9-16	Turbid	273	74	199	23	None	Trace	.0195	.1950	1	B. 2	950	900	B. Coli present in 5cc
9-6-16	Good	312	35	277		None	.540	.0013	.0702	1	Bl. 3	60	30	B. Coli absent in 10cc
10-2-16	Clean	280	44	236	23	None	Trace	.0494	.0702	1	N.B. 1	200	50	B. Coli present in 10cc
11-10-16	Clean	296	13	283	27	None	Trace	.0455	.1157	1	N.B. 1	16	8	B. Coli present in 1cc
12-29-16	Turbid	385	120	265	24	Trace	.6000	.0416	.1170	1	B. 3	128	1600	B. Coli present in 10cc
1-16-17	Clear	297	98	199	23	Trace	.9000	.0169	.0546	1	B.S. 2	60	30	B. Coli present in 1cc
2-23-17	Clear	279	34	245	22	None	1.200	.0182	.1157	1	B. 2	500	80	B. Coli present in 10cc
3-20-17	Clear	258	54	203	21	Trace	.800	.0104	.0624	1	B. 2	13800	128	B. Coli absent in 10cc
4-15-17	Clear	222	50	172	20	Trace	None	.0104	.1131	1	B. 3	66	12	B. Coli absent in 10cc
5-8-17	Clear	257	68	189	29	None	Trace	.0145	.9470	3	B. 3	256	66	B. Coli present in 5cc
6-11-17	Turbid, yellowish	219	46	173	27	Trace	.600	.0078	.1248	1	B.	20	8	B. Coli present in 5cc

SPRING VALLEY WATER CO.—LAKE HONDA—FISCAL YEAR 1916-1917.

7-18-16	Turbid	161	24	137	30	None	Trace	.0910	.0195	2	B. 3		40	B. Coli present in 5cc
9-6-16	Turbid, yellowish	153	30	123	31	None	Trace	.0 82	.1417	4	Bl. 3	40	50	B. Coli absent in 10cc
10-2-16	Turbid, good	185	30	155	35	None	None	.0403	.1378	3	B. 3	240	150	B. Coli absent in 10cc
11-10-16	Clear	158	18	140	36	.0005	None	.0 51	.1300	3	B. 3	26	18	B. Coli present in 5cc
12-28-16	Turbid	180	45	135	32	None	None	.0221	.1625	3	B. 3	36	60	B. Coli present in 10cc
1-16-17	Clear	172	62	110	33	Trace	None	.0299	.1690	3	B. 3	760	600	B. Coli present in 10cc
2-23-17	Turbid	197	33	169		None		.0 86	.1430	2	B. 3	260	16	B. Coli absent in 10cc
3-20-17	Turbid, yellowish	183	34	149	37	None	Trace	.0169	.1716	3	B. 3	640	28	B. Coli absent in 10cc
4-13-17	Turbid, good	226	43	183	35	None	Trace	.0143	.2210	3	Bl. 2	100	16	B. Coli present in 1cc
5-11-17	Turbid, fair	255	51	204	38	Trace	None	.0091	.2210	2	B.	80	N. G.	B. Coli present in 10cc
6-13-17	Clear	244	28	195	31	Trace	Trace	.0104	.1469	1	B.	32	28	B. Coli present in 10cc

SPRING VALLEY WATER CO.—NORTH LAKE MERCED—FISCAL YEAR 1916-1917.

7-18-16	Turbid, yellowish	293	67	226	76	None	Trace	.0156	.4290	4	B. 3	8000	250	B. Coli present in 5cc
9-6-16	Turbid, yellowish	275	55	220	67	None	Trace	.0181	.3510	5	Bl. 3	250	360	B. Coli absent in 10cc
10-2-16	Clear	304	81	223	67	Trace	None	.0468	.3341	6	B. 3	650	250	B. Coli absent in 10cc
11-10-16	Turbid, yellowish	273	42	231	65	None	None	.0390	.3770	5	B. 3	60	54	B. Coli present in 1cc
12-28-16	Turbid	293	92	201	64	None	None	.0312	.2990	5	B. 3	58	86	B. Coli present in 1cc
1-16-17	Turbid	273	82	191	61	Trace	None	.0312	.4160	4	B. 3	800	1500	B. Coli present in 1cc
2-23-17	Turbid	257	60	191	64	None	None	.2340	.3250	4	B. 3	1900	250	B. Coli absent in 10cc
3-20-17	Clear, yellowish	297	68	229	63	Trace	None	.0091	.3185	3	B. 2	650	116	B. Coli present in 10cc
4-13-17	Turbid, yellowish	265	33	232	53	None	None	.0104	.5070	6	B. 3	640	80	B. Coli absent in 10cc
5-11-17	Turbid, very dirty	308	68	240	64	None	None	.8580	.7930	6	Bl. 2	380	N. G.	B. Coli present in 1cc
6-13-17		270	69	201	66	Trace	None	.0130	.4680	4	B.	13824	5760	B. Coli absent in 10cc

TABLE 19—Continued.

SPRING VALLEY WATER CO.—SOUTH LAKE MERCED—FISCAL YEAR 1916-1917.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	PRESUMPTIVE COLON TEST
7-18-16	Turbid	290	62	228	67	None	Trace	.0169	.403	4	B. 3	1200	380	B. Coli present in 5cc
9-16-16	Turbid, very yel.	295	70	225	66	Trace	None	.1040	.416	7.0	Bl. 3	130	126	B. Coli absent in 10cc
10-2-16	Turbid, yellowish	286	70	216	65	None	None	.0260	.3445	6	B. 3	250	125	B. Coli absent in 10cc
11-10-16	Turbid, yellowish	279	37	242	67	None	None	.0247	.4257	5	B. 3	30	40	B. Coli present in 1cc
12-28-16	Turbid	303	91	212	63	None	None	.0741	.429	5	B. 3	30	84	B. Coli present in 1cc
1-16-17	Turbid, yellowish	284	83	201	62	None	None	.0858	.2132	4	B. 3	148	16	B. Coli present in 1cc
2-23-17	Turbid	284	61	223	64	Trace	None	.0260	.371	4	B. 3	25	88	B. Coli absent in 10cc
3-20-17	Turbid, yellowish	281	63	218	56	None	None	.0234	.325	4	B. 3	1200	40	B. Coli absent in 10cc
4-13-17	Turbid, yellowish	273	48	225	57	None	None	.0039	.364	4	B. 3	300	32	B. Coli absent in 10cc
5-11-17	Turbid, yellowish	283	65	218	61	None	None	.0182	.364	5	Bl. 2	80	N. G.	B. Coli present in 1cc
6-13-17	Clear	264	53	211	68	Trace	None	.0195	.403	5	B.	691	4600	B. Coli absent in 10cc

MUNICIPAL WATER WELL (OR TANK)—FISCAL YEAR 1916-1917.

7-21-16	Clear	290	85	235	43	None	8.700	.0039	.0273	1	N.B. 1	30	25	B. Coli absent in 10cc
9-7-16	Clear	295	80	210	43	None	6.800	.0078	.0338	0.3	N.B. 1	500	40	B. Coli absent in 10cc
10-4-16	Clear	237	56	239	46	Trace	8.240	.0247	.0416	1	B.S. 1	3000	1000	B. Coli absent in 10cc
11-10-16	Clear	317	32	205	49	None	7.400	.0169	.0260	1	N.B. 1	98	24	B. Coli present in 5cc
12-29-16	Clear	321	105	212	45	.010	5.400	.0065	.0091	1	N.B. 1	4	8	B. Coli present in 10cc
1-18-17	Clear	297	90	231	44	Trace	6.400	.0208	.0288	1	N.B. 1	8	6	B. Coli present in 10cc
2-26-17	Clear	290	60	237	49	.010	12.900	.0221	.0546	1	N.B. 1	200	4	B. Coli present in 10cc
3-20-17	Clear	296	59	231	47	Trace	7.300	.0130	.0221	1	N.B. 1	1100	14	B. Coli absent in 10cc
4-15-17	Clear	308	55	241	57	None	5.900	.0052	.0260	1	N.B. 1	760	8	B. Coli absent in 10cc
5-9-17	Clear	320	111	197	48	Trace	8.400	.0078	.013	1	N.B. 1	60	16	B. Coli present in 5cc
6-13-17	Clear	79	79	197	41	Trace	5.100	.0091	.0585	1	N.B. 1	8064	192	B. Coli present in 5cc

MUNICIPAL RESERVOIR—FISCAL YEAR 1916-1917.

7-21-16	Clear	334	102	232	42	None	8.400	.0026	.0195	1	N.B. 1	400	43	B. Coli absent in 10cc
9-7-16	Clear	310	93	217	46	None	6.800	.0299	.0429	3	N.B. 1	400	800	B. Coli present in 10cc
10-4-16	Clear	293	48	245	45	None	8.040	.0195	.0078	1	N.B. 1	160	52	B. Coli absent in 10cc
11-10-16	Clear	283	22	261	45	None	5.500	.0286	.0715	1	N.B. 1	54	20	B. Coli present in 5cc
12-29-16	Clear	285	31	254	46	.0010	7.800	.0247	.0487	1	N.B. 1	6	6	B. Coli present in 10cc
1-18-17	Clear	322	88	234	44	Trace	6.400	.0091	.0286	1	N.B. 1	1900	4	B. Coli present in 10cc
2-26-17	Clear	287	46	241	45	.002	11.60	.0104	.0169	1	N.B. 1	1500	14	B. Coli present in 10cc
3-20-17	Turbid	362	79	283	45		6.100	.0390	.0429	1	N.B. 1	200	120	B. Coli absent in 10cc
4-15-17	Clear	288	58	230	48	Trace	5.900	.0117	.0091	1	N.B. 1	60	10	B. Coli absent in 10cc
5-9-17	Clear	321	92	229	47	Trace	8.400	.0052	.0142	1	N.B. 1	384	32	B. Coli present in 10cc
6-13-17	Clear	272	74	198	39	Trace	Trace	.0078	.0572	1	N.B. 1	420	16	B. Coli present in 1cc

PARK LODGE—FISCAL YEAR 1916-1917.

7-17-16	Turbid	432	102	330	47	.0005	10.00	.0182	.1625	1	N.B. 1	8000	300	B. Coli present in 5cc
9-5-16	Turbid good	432	160	272	47	Trace	1.05	.0182	.0533	1	Bl. 1	800	1000	B. Coli present in 5cc
10-3-16	Clear	391	95	296	41	None	12.70	.0286	.0572	1	N.B. 1	140	100	B. Coli present in 10cc
11-8-16	Clear	380	110	240	46	.0005	10.30	.0156	.0845	1	N.B. 1	22	28	B. Coli absent in 10cc
12-26-16	Clear	415	101	314	46	Trace	16.20	.0455	.0533	1	N.B. 1	40	34	B. Coli absent in 10cc
1-17-17	Clear	425	137	288	47	Trace	14.70	.0286	.0585	1	N.B. 1	70	18	B. Coli absent in 10cc
2-13-17	Clear	383	110	273	45	None	13.20	.0247	.048	1	N.B. 1	4800	8	B. Coli absent in 10cc
3-19-17	Clear	478	209	269	47	Trace	13.20	.0299	.0559	1	N.B. 1	1000	10	B. Coli absent in 10cc
4-10-17	Clear, fair	420	130	290	45	None	10.90	.0416	.0637	1	N.B. 1	1500	50	B. Coli present in 10cc
5-9-17	Clear, fair	412	174	238	45	None	18.10	.0169	.0572	1	Bl. 2	600	*	B. Coli present in 5cc
6-12-17	Clear	393	140	253	38	.0005	11.60	.0039	.0416	1	B.	110	12	B. Coli absent in 10cc

* Spreader.

TABLE 19—Continued.

CHILDREN'S PLAYGROUND—FISCAL YEAR 1916-1917.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 370	PRESUMPTIVE COLON TEST
7-17-16	Turbid	168	23	145	27	None	Trace	.0234	.1105	3	Bl. 3	4500	1200	B. Coli absent in 10cc
9-5-16	Turbid, yellowish	162	25	137	30	None	None	.0234	.1144	2.5	Bl. 2	350	500	B. Coli present in 10cc
10-3-16	Turbid, good	167	29	138	35	None	None	.0416	.1131	2	B. 3	1100	1000	B. Coli absent in 10cc
11-8-16	Clear	165	43	122	31	.0005	None	.0143	.0871	4	B. 3	16	22	B. Coli absent in 10cc
12-28-16	Clear	170	46	124	29	Trace	Trace	.0104	.0559	3	B. 3	54	380	B. Coli present in 1cc
1-17-17	Clear	167	34	133		None	Trace	.0208	.1261		B. 3	375	16	B. Coli present in 10cc
2-23-17	Clear	400	66	334	222	Trace	Trace	.0324	.1365	3	B. 3	3000	110	B. Coli present in 10cc
3-19-17	Clear	171	44	127	33	None	None	.0780	.2405	2	B.S. 2	46	10	B. Coli present in 10cc
4-10-17	Clear, yellowish	257	35	216	35	None	None	.0520	.1261	3	B. 3	86	30	B. Coli absent in 10cc
5-9-17	Clear	277	56	221	37	None	None	.0117	.1040	2	N.B.	1792	50	B. Coli present in 1cc
6-12-17	Clear	225	40	185	29	Trace	Trace	.0639	.1339	1	B.	*	10	B. Coli present in 10cc

* Spreader.

STADIUM—FISCAL YEAR 1916-1917.

7-17-16	Turbid	405	71	434	72	Trace	Trace	.0234	.1755	3	Bl. 3	600	60	B. Coli present in 5cc
9-5-16	Turbid, yellowish	353	80	273	92	Trace	.410	.0156	.1482	5.0	Bl. 3	120	12	B. Coli absent in 10cc
10-3-16	Clear, yellowish	318	83	235	60	None	None	.0234	.0845	3	B. 2	600	280	B. Coli absent in 10cc
11-8-16	Turbid	391	123	268	56	.0005	Trace	.1430	.3770	2	B. 3	12	10	B. Coli absent in 10cc
12-26-16	Clear	402	119	283	56	Trace	None	.1859	.0232	4	B. 3	440	550	B. Coli absent in 10cc
1-17-17	Clear	405	135	271			None				B. 3	60	14	B. Coli present in 5cc
2-13-17	Clear	365	90	275	59	None	Trace	.3640	.1870	4	B. 3	500	2	B. Coli absent in 10cc
3-19-17	Clear	388	123	265	58	None	None	.4335	.2470	3	B. 2	250	6	B. Coli absent in 10cc
4-10-17	Clear	421	147	274	46	.0005	Trace	.1820	.0585	4	B. 3	500	300	B. Coli absent in 10cc
5-9-17	Turbid, yellowish	460	128	332	87	Trace	Trace	.0234	.2280	3	Bl. 3	190	24	B. Coli present in 5cc
6-12-17	Clear, fair	369	88	281	76	Trace	Trace	.0260	.1430	2	B.	640	14	B. Coli absent in 10cc

PUMP STATION—FISCAL YEAR 1916-1917.

7-18-16	Clear	432	101	331	51	None	17.800	.0195	.0611	1	N.B. 1	3000	4000	B. Coli absent in 10cc
9-5-16	Clear	393	90	303	49	.0001	1.050	.0468	.0572	1	Bl. 1	120	80	B. Coli present in 10cc
10-3-16	Clear	452	120	332	52	.010	13.860	.0299	.0611	1	N.B. 1	600	280	B. Coli present in 5cc
11-8-16	Clear	429	76	353	50	.0005	12.900	.1235	.0975	1	N.B. 1	130	140	B. Coli absent in 10cc
12-26-16	Clear	449	105	344	50	.0005	18.400	.0117	.0611	1	N.B. 1	100	70	B. Coli present in 10cc
1-17-17	Clear	454	165	289	49	None	13.00	.0065	.0715	1	N.B. 1	100	80	B. Coli present in 5cc
2-23-17	Clear	368	100	268		Trace		.0095	.0663	1	N.B. 1	140	66	B. Coli absent in 10cc
3-19-17	Clear	478	195	283	47	.003	14.800	.0351	.0793	1	N.B. 1	380	40	B. Coli present in 10cc
4-10-17	Clear	424	139	285	46	Trace	9.200	.0052	.0442	1	B.S. 2	3400	600	B. Coli absent in 10cc
5-9-17	Clear, fair	381	102	279	44	None	12.600	.0130	.1326	1	Bl. 3	90	36	B. Coli present in 10cc
6-12-17	Clear	439	149	290	49	Trace	.280	.0130	.0715	1	N. B.	2304	3000	B. Coli present in 10cc

DUTCH WINDMILL—FISCAL YEAR 1916-1917.

7-17-16	Clear	386	64	332	61	Trace	2.100	.0481	.1586	2	N.B. 1	5000	1000	B. Coli absent in 10cc
9-5-16	Clear	372	67	305	62	.0003	.410	.0676	.0884	3.3	Bl. 3	400	90	B. Coli absent in 10cc
10-3-16	Turbid, good	378	76	302	61	None	Trace	.0455	.1066	2	B. 2	1500	1200	B. Coli absent in 10cc
11-8-16	Clear	367	71	296	61	None	None	.1170	.1105	2	B. 3	24	30	B. Coli absent in 10cc
12-26-16	Clear	360	82	278	60	Trace	Trace		.1664	2	B. 3	6	28	B. Coli absent in 10cc
1-17-17	Clear	353	80	273				.0299		2	B. 3	10	6	B. Coli present in 10cc
2-23-17	Clear	331	58	273		None		.0364	.0819		B. 3	8	2	B. Coli absent in 10cc
3-19-17	Clear	344	75	269	58	None	None	.0364	.0975	1	B. 3	250	4	B. Coli absent in 10cc
4-10-17	Turbid, good	347	83	264	58	Trace	Trace	.0195	.1196	1	B.S. 2	250	*	B. Coli absent in 10cc
5-9-17	Clear, fair	391	85	306	63	None	Trace	.0169	.0715	2	Bl. 2	*	4	B. Coli absent in 10cc
6-12-17	Clear	357	80	277	69	Trace	Trace	.0039	.1001	1	N. B.		6	B. Coli absent in 10cc

* Spreader.

TABLE 19—Continued.

MURPHY'S WINDMILL.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as				Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	PRESUMPTIVE COLON TEST
						Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia					
7-17-16	Clear	471	65	406	27	Trace	Trace	.0299	.0845	2	Bl. 3	1300	28	B. Coli absent in 10cc
9-5-16	Turbid, good	455	85	370	78	Trace	None	.2360	.1508	2	Bl. 2	1500	1200	B. Coli absent in 10cc
10-3-16	Turbid, good	469	110	359	28	None	None	.0770	.1287	4	B. 5	240	300	B. Coli absent in 10cc
11-8-16	Clear	357	129	228	58	Trace	Trace	.1495	.2990	4	B. 3	100	320	B. Coli absent in 10cc
12-26-16	Clear	372	119	253	58	Trace	Trace	.0481	.2600	6	B. 3	28	60	B. Coli absent in 10cc
1-17-17	Clear	383	113	270	54	.0005	Trace	.676	.3393	4	B. 3	26	10	B. Coli absent in 10cc
2-14-17	Clear	365	93	272	51	Trace	None	.5980	.2600	5	B. 3	12	4	B. Coli absent in 10cc
3-19-17	Clear	393	119	274	49	None	Trace	.5330	.3510	5	B. 3	90	4	B. Coli absent in 10cc
4-10-17	Turbid, yellowish	358	106	252	52	None	Trace	.2171	.1872	3	B. 3	2000	*	B. Coli absent in 10cc
5-9-17	Clear, fair	393	162	432	79	None	1.500	.0260	.0936	2	Bl. 2	250	6	B. Coli absent in 10cc
6-12-17	Clear	594	87	336	83	Trace	.760	.0130	.1469	1	B.	34	16	B. Coli absent in 10cc

* Spreader.

TABLE 20

ANNUAL REPORT—DIVISION MARKET INSPECTION

INSPECTIONS

	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Abattoirs	4429	320	365	350	370	400	351	367	302	447	394	397	366
Markets	11894	726	190	1281	1200	1316	1282	1312	1007	1177	1142	886	375
Wharves	4955	472	463	426	444	425	403	414	375	377	380	370	406
Railroad Depots	725	66	57	51	53	54	54	55	52	58	53	130	42
Commission Houses	2567	181	154	199	151	268	338	253	219	181	172	231	220
Chinatown	3378	175	95	195	141	165	165	180	112	1657	120	180	193
Total	7948	1940	1324	2502	2359	2628	2593	2581	2067	3897	2261	2194	1602
Fish (lbs.)	8656048	1042500	660000	1040000	565000	595000	560000	810000	771000	710000	631500	690000	553000
Beeves	77300	5519	7367	6906	7461	6712	5811	6084	5764	6852	6805	7277	4742
Calves	77471	4687	4378	4539	6201	5815	5739	7267	7635	9454	9209	7573	4974
Hogs	146172	11554	14332	13130	14786	16042	16677	15011	10725	10203	9975	9602	4135
Sheep	119582	10975	15994	9330	12217	14753	12146	12040	7927	3584	9286	8528	2802
Lambs	340596	29652	35213	34379	33951	23305	24324	24068	23073	30863	29106	27554	25108
Poultry	3327349	331050	294500	299550	261451	408700	404700	230525	262975	147050	181311	241725	263812
Goats	627	5		10	16			42	65	21	374	46	48

TABLE 20—Continued.

CONDEMNATIONS AND SEIZURES

	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Fish (lbs.)	76244	24399	6905		1635	5325	1540	5450	6467	1415	160	6348	16600
Beef (lbs.)	146986	9467	12720	17559	8695	2651	8593	16368	7294	31669	12735	10143	9092
Calves	477	21	19	28	128	9	13	76	25	44	32	42	27
Sheep	1030	107	161	174	164	33	129	80	52	67	24	29	10
Lambs	252	35	3	23	16	80	5	39	21	18		11	1
Hogs	670	57	49	71	73	59		98	55	67	62	46	33
Beef Heads	1053	60	104	41	53	44	60	129	58	164	114	125	101
Calves Heads	146	127								3	1	15	
Hog Heads	6304	494	518	611	663	648	625	658	505	499	483	401	199
Livers	50964	4604	4150	4826	5524	5182	4932	4242	4045	3823	3869	3421	2346
Beef Tongues	111		6		11	6	3	8	5	13	17	21	21
Chickens	5820	579	448	621	327	1050	805	849	208	256	4	347	326
Turkeys	39		1	6		15	14	1		1			1
Hare	2400	119	114	52			21			1125	80	8	881
Ducks		2	8	3	2	16	53	6	1				
Hearts	196		3		3	176	2	4	3	1			4
Pork (lbs.)	3141	226		32	398	1349	204		22		832	78	
Pigeons	40		40										
Deer	1			1									

TABLE 20—Continued.

ANNUAL REPORT DIVISION OF MARKET INSPECTION.

FISCAL YEAR 1916-1917.

CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs	Goats
1916								
July	Butchertown	56555	5450	1072	10969	27614	11450	
	Outside	14397	1727	3566	2530	5128	1441	5
	Total	70952	7177	4638	13499	32742	12891	5
August	Butchertown	75562	7367	702	15994	37210	14289	
	Outside	15152	1936	4134	1940	5433	1709	
	Total	90714	9303	4836	17934	42643	15998	
September	Butchertown	59743	6900	590	8747	30392	13114	
	Outside	14227	1822	4180	1625	4983	1617	
	Total	73970	8722	4770	10372	35375	14731	
October	Butchertown	68956	7461	617	12217	33951	14710	
	Outside	17673	1923	5872	2974	5092	1796	16
	Total	86629	9384	6489	15191	39043	16506	16
November	Butchertown	65935	6712	2951	13773	26556	15943	
	Outside	16815	2088	3411	4161	4915	2202	38
	Total	82750	8800	6362	17934	31471	18145	38
December	Butchertown	54452	5811	455	12144	20933	15109	
	Outside	17488	1778	5438	2790	3915	3567	
	Total	71940	7589	5893	14934	24848	18676	
1917								
January	Butchertown	57313	6084	280	14841	12040	24068	
	Outside	21454	2053	7219	3928	4784	3428	42
	Total	78767	8137	7499	18769	16824	27496	42
February	Butchertown	47464	5764	420	7927	22665	10688	
	Outside	15869	1583	7526	1306	4600	789	65
	Total	63333	7347	7946	9233	27265	11477	65
March	Butchertown	51438	6782	799	3585	30385	9887	
	Outside	18656	1628	9118	1215	4831	1843	21
	Total	70094	8410	9917	4800	35216	11730	21
April	Butchertown	55413	6705	1359	9085	28497	9767	
	Outside	44305	1025	9018	3177	19137	11948	
	Total	99718	7730	10377	12262	47634	21715	
May	Butchertown	54694	7277	1606	8528	27549	9734	
	Outside	13738	1435	6522	827	3735	1173	46
	Total	68432	8712	8128	9355	31284	10907	46
June	Butchertown	39882	4742	1005	4802	25258	4075	
	Outside	11788	1317	5143	933	3892	455	48
	Total	51670	6059	6148	5735	29150	4530	48
Totals	Butchertown	687407	77055	11856	122612	323050	152834	
	Outside	221562	20315	71147	27406	10445	31968	281
	Total	908969	97370	83003	150018	393495	184802	281

TABLE 21.

ANNUAL REPORT, DIVISION OF SANITARY INSPECTION.

Inspections	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
First Inspection (Communicable Diseases)	8297	270	210	255	402	575	624	807	1092	1797	869	766	630
First Inspection (Complaints)	945	36	31	70	38	26	36	87	169	255	14	18	165
Special Inspections	6521	348	626	394	573	489	579	595	770	697	578	552	320
Reinspections	4237	374	406	59	394	386	377	409	259	346	367	474	386
Total Inspections	20000	1028	1273	778	1407	1476	1616	1898	2290	3095	1828	1810	1501
Nuisances													
Complaints unabated at last report	3												
Complaints filed during year	251	36	23	55	20	16	12	14	11	14	14	18	18
Total	254												
Complaints abated	214	25	22	45	26	13	15	8	11	12	10	17	10
No cause	14	1	2	2	3		1				1	2	2
Referred to other departments	21	5	2	4	2		2	1	1		1	3	
Unabated	13												

TABLE 22.

DIVISION OF INDUSTRIAL INSPECTION FISCAL YEAR 1916-1917.

Class of Industry	Total Inspections	Premises found sanitary	Found Insanitary	Complaints referred to Other Departments	First Notice to Abate	Last Notice to Abate	Premises reinspected	Work progressing and partially abated	Nuisances abated
Bakeries	1853	1100	753	744	5		83	4	89
Barber Shops	461	280	181			1	178	179	2
Bath Houses	4	4							
Candy Factories and Stores	913	358	555	501	52		125	20	101
Cigar Factories	170	118	52	13	30	5	39	11	27
Dry Goods, Clothing, etc	557	390	167	37	120		130	35	85
Food Factories and Stores	418	266	152	89	58	1	76	10	66
Garment Factories	1296	802	494	118	504	11	312	44	279
Junk Stores and Yards	367	45	322	204	1				
Homes	312	83	229	59	156	6	174	113	88
Hospitals	78	37	41	34	7		7	5	2
Laundries	507	283	124	84	29	4	73	23	48
Motion Picture Theatres	538	485	53		39	5	49	7	37
Printers and Book Binders	333	192	141	45	71		73	11	70
Restaurants	56	26	30	22	3		10	4	5
Office Buildings	538	435	103	17	107	1	108	30	87
Bag Factories	7	5	2	1	1		1		1
Scavenger Wagons	407								
Miscellaneous Factories and Stores	1226	786	440	158	189	5	279	79	213
Total	10041	5795	3839	2126	1372	39	1717	575	1200

Visits to Courts—Juvenile, 24; Police, 78; Detention Home, 19.

TABLE 22—Continued.

ANNUAL REPORT DIVISION OF RESTAURANT INSPECTION
FISCAL YEAR 1916-1917.

(Exclusive of general inspection by industrial Inspectors.)

First Inspections—	
Restaurants	76
Miscellaneous Food Stores	11
Complaints	56
Total	143
Reinspections	227
Nuisances Abated	32
Restaurants Scored	76

TABLE 23.

ANNUAL REPORT, DIVISION OF HOUSING INSPECTION.
FISCAL YEAR 1916-1917.

INSPECTIONS.

	Tenement Houses	Hotels and Lodging Houses
New Buildings—		
First Inspections	238	17
Reinspections	453	16
Old Buildings—		
First Inspections	1418	478
Reinspections	1309	493
Total	3418	1004
Flats, etc.		363
Business visits		555

COMPLAINTS.

Unabated at Last Report	0
Received during Year	93
Total	93
Abated	53
Referred to other Departments	37
No cause	2
Remaining Unabated	1

ARRESTS.

Pending at Last Report	0
Arrested during Year	16
Total	16
Favorable Court Action	7
Dismissed	6
Still Pending	3

TABLE 23—Continued.

VIOLATIONS.

Classifications	Unabated at Last Report		Discovered		Abated		Remaining Unabated	
	New	Old	New	Old	New	Old	New	Old
Basements		1	14	115	14	112		4
Baths				162		155		7
Cellars		3	4	127	4	90		40
Courts		5	18	68	18	73		
Fire Escapes			4	10	4	9		1
Garbage Disposal			9	263	9	263		
Passages			7	47	7	47		
Public Halls				2		2		
Roofs			10	26	10	18		8
Rooms		212	10	435	10	633		14
Sinks		74	30	1099	30	784		389
Stairs			2	10	2	10		
Sanitation		2		245		209		38
Skylights				18		18		
Toilets			14	321	14	247		74
Vent Shafts	2	2	10	51	12	49		4
Windows				6		6		
Yards		3		99		84		18
Occupied without permit			16	2	13	2	3	
Walls				11		11		
Closets				14		14		
Mixed Occupancy				20		2		18
Shacks				4		4		
Gas Heaters				1		1		
Total	2	302	148	3156	147	2843	3	615
Grand Total	304		3304		2990		618	

Recommended for condemnation	9
Buildings Demolished	20
Plans Approved (New)	122
Plans Approved (Old)	4
Permits of occupancy issued (New)	203
Permits of occupancy issued (Old)	393
Permits of occupancy renewed	390

TABLE 24

DIVISION OF PLUMBING INSPECTION.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspection Construction.													
In Construction	2384	182	315	285	327	251	211	141	139	143	165	149	76
On Completion	1620	132	195	179	160	149	126	112	90	125	128	123	101
On Work Granted by Permit	4007	289	337	327	362	297	355	371	324	374	380	353	238
Reinspections	5803	356	474	390	464	521	486	607	492	549	573	465	426
Total	13814	959	1321	1181	1313	1218	1178	1231	1045	1191	1246	1090	841
Sewers.													
Inspected	2410	218	281	307	300	180	224	148	154	169	187	149	93
Cast Iron (feet)	276545	23792	30881	29911	35120	29531	26079	1782	15680	21869	25340	20140	16420
Iron Stone (feet)	96373	6161	12019	8589	9431	10222	7221	6279	5570	7331	9410	6960	6880
Curb Traps	2269	189	322	235	189	200	174	138	139	189	185	174	135
Nuisances.													
First Inspection	1624	139	139	185	199	109	125	108	115	134	145	131	95
Reinspection	4692	206	264	359	483	377	446	469	399	519	425	412	333
Total	6216	345	403	444	682	486	571	577	514	653	570	543	428
Unabated at Last Report	164	164											
Received During Month	1818	143	151	295	200	115	145	125	127	141	151	130	95
Total	1982												
Abated	1682	157	124	188	173	129	184	120	109	142	133	119	104
Referred to other Departments	113	1	2	92	2				1	5		5	5
No Cause	75	4	10	13	7	7	4	8	9	2	3	4	4
Remaining Unabated	112												112
Notices.													
First Notices	1568	139	154	185	183	117	117	107	113	119	146	111	77
Last Notices	624	53	64	55	54	45	62	59	41	58	55	41	37
Total	2192	192	218	240	237	162	179	166	154	177	201	152	114

TABLE 24—Continued.

NEW FIXTURES INSTALLED IN OLD BUILDINGS.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Water Closets	1593	66	155	88	126	68	289	168	103	161	129	137	103
Basins	1254	58	96	121	121	93	59	132	86	175	123	107	83
Bath Tubs	725	28	119	67	81	47	43	55	46	78	48	68	45
Sinks	894	57	103	61	64	57	63	93	63	86	87	108	52
Wash Trays	399	21	56	47	35	25	27	33	37	40	38	20	20
Urinals	111	8	10	6	3	5	6	13	10	11	25	1	13
Slop Hoppers	103	1	15	9	12	11	6	6	10	9	8	4	12
Grease Traps	23		2		2	5		8	3		2		1
Cesspools	185	6	12	3	13	11	19	16	7	28	30	33	7
Sewers	353	14	36	52	42	18	14	24	24	23	41	31	34
Total	5640	259	604	454	499	340	526	548	389	611	531	509	370

Number of plans submitted, 1185. Number of buildings represented, 1464.

permits granted for repair work, 1137.

FIXTURES INSTALLED IN NEW BUILDINGS.

Baths (tub)	3047	Showers	88
Baths (seat)	4	Sinks (bar)	10
Baths (foot)	6	Sinks (slop)	134
Dental bowls	53	Sinks (pantry)	22
Floor Drains	988	Sinks (kitchen)	3184
Fountains	65	Urinals	425
Grease traps	2	Wash trays	2212
Hoppers	355	Wash basins	4466
Hospital fixtures	164	Water closets	4893

TABLE 24—Continued.

FISCAL YEAR 1916 1917.

ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

Date of Examination.	PLAN.				Date of Examination.	QUESTION		
	Applications Filed	Number Examined	Results			Number Examined	Results	
			Passed	Failed			Passed	Failed
1916—July 7	6	6	3	3	1916—July 21	3	0	3
August 4	1	1	1	0	August 18	1	1	0
September 1	1	1	1	0	September 15	1	1	0
October 6	0	0	0	0	October 20	0	0	0
November 3	4	4	2	2	November 17	2	2	0
December 1	0	0	0	0	December 15	0	0	0
1917—January 5	1	1	0	1	1917—January 19	1	0	1
February 2	1	1	1	0	February 16	1	1	0
March 2	3	3	1	2	March 16	1	1	0
April 6	1	1	0	0	April 20	0	0	0
May 4	2	2	1	1	May 18	1	1	0
June 1	1	1	1	0	June 15	0	0	0
Total	21	21	11	10	Total	11	7	4

TABLE 25

ANNUAL REPORT, BOARD ACTIONS, FISCAL YEAR 1916-17.

Month	New Cases Brought Before the Board	Re-hearings	Total	Condemned During Year	Results Obtained on all Condemnations							
					Cases Abated				Structures Demolished			
					By Repair	By Demolition	By Vacation	Total	Shacks	Stables	Other Structures	Total
1916—												
July												
August		10	10									14
September	12	5	17	6	4	10	1	15	2		12	
October	13	10	23	8								
November	16	12	28	8								
December	9	9	18	8	3	12		15	6	2	16	24
1917—												
January	9	8	17	5								
February	8	3	11	6								
March												
April	5	10	15	4								
May	21	18	39	11								
June	18	8	26	14	23	55		78	8	11		19
Total	111	93	204	70	30	77	1	108	16	13	28	57

TABLE 26

ANNUAL REPORT, DIVISION OF PERMITS ISSUED, FISCAL YEAR 1916-1917.

	July			August			September			October			November			December		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth	0	41	$30 75	0	40	$30.00	0	54	$40.50	0	59	$44.25	0	45	$33.75	0	49	$36.75
Certified Certificates of Death	6	72	54.00	9	82	16.50	8	78	58.50	3	76	57.00	7	55	41.25	9	60	45.00
Removal Permits after Disinterment	39	1	10.00	25	0		28	1	10.00	36	0		47	1	10.00	17	0	
Miscellaneous	0	0		0	0		0	0		0	0	0.45	0			0	0	
Totals	45	114	$94.75	34	122	$91.50	36	133	$109.00	39	135	$101.70	54	101	$85.00	26	109	$81.75

	January			February			March			April			May			June			Totals		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth	0	41	$30.75	0	30	$22.50	0	58	$43.50	0	61	$45.75	0	50	$37.50	0	40	$30.00	0	568	$426.00
Certified Certificates of Death	12	95	71.25	9	82	61.50	7	105	78.75	8	79	59.25	9	87	65.25	5	77	57.75	92	948	711.00
Removal Permits after Disinterment	27	0		28	1	10.00	36	0		22	0		14	0		31	0		350	4	40.00
Miscellaneous	0	0		0	0		0	0	90.00	0	0	42.00	0	0	96.50	0	0	63.00	0	0	291.95
Totals	39	136	$102.00	37	113	$94.00	43	163	$212 25	30	140	$147.00	23	137	$199.25	36	117	$150.75	442	1520	$1468.95

TABLE 26A

PERMITS AND CERTIFICATES ISSUED.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bath Houses	0	0	0	0	0	0	0	0	0	0	0	0	0
Homes for Children	239	17	36	13	20	14	16	21	22	28	14	12	26
Hotels and Lodging Houses	224	11	14	21	33	13	12	21	14	25	23	27	10
Laundries	22	3	3	0	0	3	3	1	1	0	2	1	5
Food Stuffs	1011	85	86	86	86	86	86	82	83	82	83	83	83
Maternity Hospitals	7	0	0	1	0	0	1	0	0	1	2	1	1
Master Plumbers	294	173	33	37	12	13	8	3	3	6	3	2	1
Milk	287	10	5	7	25	25	32	6	12	15	47	65	38
School Attendance	2081	273	116	90	119	148	192	252	215	247	235	140	54
Tenement Houses	687	21	33	36	61	65	50	56	59	89	71	76	70
Vegetable, Manure, Scavenger and Swill Wagons	407	0	3	0	0	3	0	379	17	3	2	0	0
Mattress Factory	20	0	0	0	1	1	1	2	2	3	3	3	4
Cigar Factories	4	0	0	0	0	0	0	2	1	0	0	1	0
Totals	5283	593	329	291	357	371	401	825	429	499	485	411	292

TABLE 27.

RECORD OF ARRESTS MADE DURING FISCAL YEAR 1916-1917.

RESULTS OBTAINED ON EACH MONTH'S ARRESTS	Total	CITY ORDINANCES.										STATE LAWS.	
		13 Screening of Foodstuffs	162 Prohibiting gathering sale, etc., of vegetables within 1000 feet of sewer outlet	615 Plumbing Law	660 Old Milk Law	975 Tuberculosis Law	1008 Building Law	1426 Pure Food Law	2917 Regulating manufacture, care and sale of foodstuffs	3726 Mattress Law	3961 [illegible] Law	Maintaining Nuisance	Tenement House Act
Convicted	48		2	4	15	1	2	1	7	1	9	6	
Dismissed	48	3		4	16			3	2	5	4	6	5
Pending	11			3				1		2	2	1	2
Fines	107	3	2	11	31	1	2	5	9	8	15	13	7
Total	$1470		$20	$55	$675	$10	$50	$10	$40	$100	$485	$25	

TABLE 27A.

CHILD HYGIENE DIVISION

REPORT FOR YEAR ENDING JUNE 30, 1917.

Total number of New Inspections	476
Total number of Reinspections	636
Total number of Business Calls	641
Total number of calls made	1753
Total number of Office Interviews (including telephone)	1046
Total number of Children's Boaring Home Permits Issued	101
Total number of Children's Boarding Home Permits Denied	66
Total number of Children's Boarding Home Permits Renewed	141
Total number of Children's Boarding Home Permits Inactive	160
Total number of Homes holding Permits June 30, 1917	137
Total number of New Maternity Home Permits Issued	1
Total number of Maternity Home Permits Renewed	8
Infants placed in boarding homes	66
Older children placed in boarding homes	72
Total number of Children placed in Homes	138
Total number of Children removed from inferior Homes	41
Total number of Children in Boarding Homes During Year—	
Infants (under one year)	152
Older	520
Total	670
June 30, 1917—	
Number of Infants in Homes	61
Number of Older Children	173
Total number of Children	234
Number of Infants on Certified Mild (70%)	42
Number of cases referred to Society for the Prevention of Cruelty to Children	54
Number of Children placed in Hospitals	21
Number of Children sent to Clinics	78

ELEANOR STOCKTON, R. N.
Inspector.

TABLE 28.

ANNUAL REPORT FISCAL YEAR ENDING JUNE 30, 1917.

Herewith submit report of the number of surgical and medical cases treated, and the number of ambulance calls responded to in the various Emergency Hospitals during fiscal year beginning July 1, 1916, and ending June 30, 1917.
Respctfully submitted,

SAXTON POPE, M. D., Chief Surgeon.

HOSPITALS	Admitted During Year	Totals	Surgical Cases Treated	Medical Cases Treated	DISPOSAL OF CASES							Totals	Remaining	AMBULANCE CALLS	
					Discharged (Sent Home)	To Insane Detention Hospital	To Other Hospitals Sanitoria	To State Hospitals for Insane	To Inspector Indigents	Died	To City Mortuary (Dead on Arrival)			Emergency	Transfer
Central	20494	20494	14280	6214	13347	615	592	.....	5676	181	80	20491	171	2889	463
Harbor	9597	9597	8454	1143	8895	.....	641	.....	.....	20	41	9597	.....	1976	466
Potrero	4266	4266	3955	311	4126	.....	128	.....	.....	2	10	4266	.....	630	134
Park	4623	4623	4164	459	4479	.....	117	.....	.....	3	24	4623	.....	1010	444
Insane Detention	1258	1258	.....	.....	275	.....	21	943	7	7	.....	1253	90	.....	.....
Totals	40238	40238	30853	8127	31122	615	1499	943	5683	213	155	40230	261	6505	1507

TABLE 28—Continued.

FINANCIAL STATEMENT OF THE EMERGENCY HOSPITALS
FISCAL YEAR 1916-1917.

Salaries—		
Central Emergency Hospital	$27,119.60	
Harbor Emergency Hospital	16,045.15	
Potrero Emergency Hospital	12,043.95	
Mission Emergency Hospital	7,931.70	
Park Emergency Hospital	12,043.95	
Detention Hospital	7,394.20	
		$ 82,578.55
Maintenance—		
Administration:		
General Suppies and Services	978.61	
Stationery and Printing	24.65	
Professional Care of Patients:		
Medical and Surgical Supplies	2,071.52	
Drug Store	682.13	
Wines and Liquors	112.53	
Repairs to Instruments and Apparatus	205.50	
Department Expenses:		
Housekeeping	1,741.73	
Kitchen	24.95	
Laundry	1,235.60	
Provisions:		
Meat	646.00	
Milk	374.39	
Butter and Eggs	525.05	
Groceries	900.59	
Vegetables	160.80	
General Expense:		
Fuel	785.04	
Miscellaneous	164.39	
Transportation:		
Ambulance No. 1	722.56	
Ambulance No. 2	1,230.40	
Ambulance No. 3	426.06	
Ambulance No. 4	832.05	
Ambulance No. 5	575.91	
Ambulance No. 6	320.26	
Outlay:		
New Equipment	401.45	
		15,142.17
Additional Equipment from other than regular maintenance fund		1,485.02
Other costs payable out of funds not controlled by Board of Health		13,137.38
Total		$112,343.12

ANNUAL REPORT SAN FRANCISCO HOSPITAL FISCAL YEAR 1916-17.

To the Health Officer:

I submit herewith annual report of the various departments of San Francisco Hospital for the year 1916-1917, with general information concerning the hospital organization and activity.

Budget: By reason of unforseen commercial conditions, we have experienced much difficulty in keeping within the annual budget allowance authorized July 1st, 1916. Although the price of the majority of our supplies is protected by annual contract, the purchase of non-contract articles at advancing market prices (amounting to tens of thousands of dollars yearly) cut heavily into our allowance. We were therefore compelled to apply to the Board of Supervisors for a special appropriation to cover the increasing cost of supplies. Where contracts existed, it was at times hard to obtain the standardized articles, as the contractor was financially losing on the delivery.

State Subsidy, Tuberculosis Department: Commencing July 1st, 1916, the State subsidized 85 beds in the Tuberculosis Department at the rate of $3 per week per patient, in consideration of the Hospital's complying with certain housing and food regulations. By reason of the improvements made, the number of subsidized beds was increased from 85 to 100, effective March 1st, 1917. The total subsidy for the year amounted to $13,368.09, as follows:

For the six months ending Dec. 31st, 1916	$ 5,661.54
For the six months ending June 30, 1917	7,706.55
	$13,368.09

In accordance with the Charter regulations this money is deposited in the City Treasury, to be re-appropriated from time to time for the use of the Tuberculosis Department of the hospital, particularly for the improvement of the diet of the tuberculous patients.

Collections from various outside sources: Exclusive of the State subsidy, money received during the year for treatment of patients able to pay, sale of swill, etc., amounted to $930.83.

Patients' Library: The Patients' Library now contains several hundred volumes, which have been donated by various clubs and individuals interested in the work of the hospital. The library is in charge of a paid librarian, who visits the wards to ascertain the desires of the patients, distributes the books, and keeps check on their return within a certain period. The library is very much appreciated by the patients.

Kindergarten: The work in the kindergarten of the Children's Ward is deserving of special mention. Here the children who are convalescing are taught kindergarten work, reading, etc., under direction of a governess.

Pathological Building: This building has been completed and is now occupied by the Morgue (1st floor) and the Laboratories of the Department of Public Health (2nd floor).

New Tuberculosis and Isolation Departments: The construction of these buildings is well under way and no doubt will be completed during the year. Meantime we are proceeding with plans for the equipment of same.

R. G. BRODRICK, Superintendent.

ANNUAL REPORT 1916-1917 SAN FRANCISCO HOSPITAL.

BED CAPACITY.

Main Group (18 wards)—beds			480
Tuberculosis Department (9 wards)—beds			275
			755
Divided as follows—			
Male Beds, Medical	130		
Surgical	131		
Incurable Cancer	14		
		275	
Female Beds, Medical and Surgical	84		
Gynecological	26		
Maternity	25		
		135	
Children		26	
Isolation (Typhoid, Pneumonia, etc.)		15	
Emergency Department, Male	4		
Female	2		
		6	
Municipal Accident Ward		23	
Tuberculosis Department, Male	225		
Female	50		
		275	
Total			755

SAN FRANCISCO HOSPTAL. MOVEMENT OF PATIENTS REPORT, 1916-1917.

	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Total
Admitted	494	516	479	524	480	518	470	468	559	515	525	558	6106
Born	16	13	13	26	22	8	13	16	19	32	11	30	219
Discharged—													
Cured	64	84	152	181	151	133	129	142	126	142	148	175	1627
Improved	313	269	198	247	216	248	205	225	291	345	285	293	3135
Unimproved	21	49	51	45	55	51	22	40	63	30	22	37	486
Referred to Insanity Commission	....	2	2	....	....	....	....	....	2	1	1	5	13
To Relief Home	8	6	3	....	....	....	....	....	....	10	19	20	66
To Isolation Hospital	9	2	....	....	....	....	....	....	....	1	6	8	26
Died	67	71	64	81	83	98	87	72	84	79	71	89	946

DAILY AVERAGE NUMBERS OF PATIENTS.

July	August	September	October	November	December	January	February	March	April	May	June
612.51	657.77	676.5	684.4	681.9	689.7	700.54	719.32	728	721.73	669.96	641.35

Number patients remaining in Hospital July 1st, 1916	593
Admitted during the year	6106
Born during the year	219
	6918
Died and discharged during year	6299
Remaining June 30, 1917	619

Daily average for the year, 681.97. Percentage of Deaths, 14.9%.

SAN FRANCISCO HOSPITAL, STATEMENT EXPENSES FISCAL YEAR 1916-1917.

Administration—		
General Supplies	$ 575.10	
Stationery and Printing	334.06	
Professional Care of Patients—		
Medical and Surgical Supplies	4,307.21	
Drug Store	22,372.52	
Wines and Liquors	401.86	
Repairs to Apparatus and Instruments	154.60	
X-Ray Department	2,212.79	
Department Expenses—		
Housekeeping	14,465.17	
Kitchen	1,420.77	
Laundry	2,408.05	
Provisions—		
Meat, Fish and Poultry	30,276.32	
Milk and Cream	15,605.85	
Butter and Eggs	30,131.59	
Groceries	28,787.41	
Fruits and Vegetables	11,586.49	
General Expense—		
Maintenance of Grounds	1,627.69	
Maintenance of Buildings	4,095.37	
Fuel	17,932.32	
Miscellaneous	1,352.99	
Power Plant	5,728.43	
Transportation—		
Automobile 1 (Ambulance)	1,134.30	
Automobile 2 (Superintendent's)	175.54	
Automobile 3 (Truck)	105.68	
Automobile 4 (Delivery)	213.10	
Outlay—		
Equipment, New	3,218.60	
Construction, New	422.36	
Total		$201,046.17
Salaries		164,067.10
		$365,113.27

Cost of subsistence per patient (Daily average 681.97)	.467 per day
Cost of subsistence per employe (Daily average 415)	.29 per day
Total cost of maintenance per patient	1.466 per day

SAN FRANCISCO HOSPITAL TRAINING SCHOOL FOR NURSES, YEAR 1916-1917—REPORT OF 27th YEAR.

Graduate Nurses		25
Superintedent of Nurses	1	
Instructor General	1	
Instructor-Probationers	1	
Instructor-Operating Room	1	
Instructor Dietetics	1	
Night Supervisors	4	
Supervisors Building No. 1	2	
Supervisors Building No. 2	2	
Supervisor Building No. 3	1	
Supervisors Building No. 4: (Childrens, 1; Maternity, 1; Gynecological)	2	
Supervisors Operating Room	2	
Supervisor Isolation	1	
Supervisor Receiving	1	
Supervisor Record Room	1	
Supervisors Tuberculosis Department	3	
Supervisor Nurses Home	1	
	25	
Student Nurses		133
Senior Nurses	30	
Intermediate	50	
Juniors	30	
Probationers	23	
	133	
Male Nurses		12
Practical Nurses		6
Post Graduate Nurses		2
		178
Students—		
Number graduated during year		30
Number admitted during year		40
Number disqualified during year		7
Number resigned during year		16

REPORT FROM JUNE 30, 1916, TO JULY 1, 1917.

SOCIAL SERVICE DEPT. SAN FRANCISCO HOSPITAL (MAIN GROUP).

Relief Home	192
Refused Relief Home	15
Infirmary	25
Refused Infirmary	1
335 Main St. (Accommodation Char. Industrial Home)	71
Refused 335 Main St.	2
Sent to Hill Farm	5
Sent to Relatives out of Town	6
Sent to other Hospitals	6
Sent Home in Ambulance	18
Layettes Received	11
Layettes Furnished	6
Adoption	5
Foster Mothers	2
Girls Welfare Home	6
Reported to Juvenile Court	6
Pay Patients	22
Dentistry	37
Arseno-Benzol	24
Salvarsan	98
Surgical Appliances	7
Donation to the Department	$56.00
Wheel-chair donated	1
Man and wife re-united	1
Marriage	1
Sent to Soldiers' Home	4
Sent to State Asylum	3
Transportation Secured	15
Employment Secured	31
Money Secured from Relatives	1
Reported to Legal Aid	47
Reported to Associated Charities	92
Reported to Consuls	2
Reported to Immigration Commissions	3
Reported to Industrial Commissions	4
Reported to Accident Commissions	1
Reported to District Attorney	2
Reported to Travelers' Aid	2
Reported to Fruit and Flower Mission	2
Taken by Relatives	18
Letters sent	235
Visits Made	405
Glasses Given	25
Patients Interviewed	5649

TABLE 31.

REPORT OF RELIEF HOME FOR AGED AND INFIRM
FISCAL YEAR ENDED JUNE 30, 1917.

	Male	Female	Total
Total number of Inmates June 30, 1916	1059	333	1391
Admissions—			
Through Board of Health	342	87	429
From San Francisco Hospital	186	29	215
From Tuberculosis Hospital	1	1	2
By Superintendent (Re-admissions)	18	1	19
Total	547	118	665
Discharges—			
At own request	208	38	246
Overstayed Pass	65	5	70
Left without permission	33		33
For cause	9		9
Died	205	61	266
Sent to New San Francisco Hospital	16	1	17
Sent to Emergency Hospital	1		1
Sent to Tubercular Hospital	8	1	9
Sent to Isolation Hospital	1		1
Sent to State Institutions	11	2	13
Total	557	108	665
Remaining June 30, 1917	1047	342	1391
Lowest number of inmates recorded at one time, June 19, 1917			1385
Highest number of inmates recorded at one time, December 8, 9 and 19, 1916; February 23, March 28 and 29, 1917			1401

SOCIAL CONDITION OF INMATES.

Single	682
Married	107
Widowed	546
Separated	28
Divorced	28
	1391

BY RACE.

Caucasian	1366
Mongolian	16
Ethiopian	9
	1391

BY NATIVITY.

Foreign Born	961
Native Born (United States)	430
	1391

BY AGES.

	Males	Females	Total
10 to 20	1		1
20 to 30	4	1	5
30 to 40	10	9	19
40 to 50	52	31	83
50 to 60	171	61	232
60 to 70	377	99	476
70 to 80	355	108	463
80 to 90	74	29	103
90 to 100	5	2	7
100 and over	0	2	2
	1049	342	1391

Average age grand total, 66 years.

NUMBER OF TIMES ADMITTED.

1st time	1006
2nd time	211
3rd time	90
4th time	35
5th time	18
6th time	16
7th time	8
8th time	3
9th time	1
11th time	1
14th time	1
18th time	1
	1391

PHYSICAL CONDITION OF INMATES.

Blind—	
Male	34
Female	7
Deaf—	
Male	16
Female	11
Bedridden—	
Male	68
Female	14
Crippled—	
Male	363
Female	53
Able to work—	
Male	320
Female	71

Convalescent—	
Male	36
Female	11
Mentally incompetent —	
Male	135
Female	50
Epileptic—	
Male	6
Female	9
Old and Infirm—	
Male	71
Female	116
	1391

SUMMARY OF EXPENDITURES.

July 1st, 1916, TO DECEMBER 31st, 1916.

	July	August	September	October	November	December	Total
Subsistence	$ 7,328.42	$ 8,494.50	$ 8,320.54	$ 7,770.62	$ 9,339.20	$ 8,142.27	$ 49,395.55
Wines and Liquors	528.89	425.19	500.08	222.75	480.69	466.39	2,623.99
Tobacco	187.50	150.00	187.50	282.00	282.00	421.26	1,510.26
Sundries	229.66	37.46	20.65	99.33	235.40	238.80	861.30
Clothing and Bedding	647.88	431.78	1,108.78	541.54	929.12	1,116.53	4,775.63
Power Plant	68.79	85.04	93.31	110.63	38.23	103.24	499.24
Hospital	129.33	345.21	31.47	254.44	218.66	208.01	1,187.12
Laundry	142.90	55.10	104.60	.....	76.00	4.00	382.60
Stable	177.72	200.04	869.25	310.92	795.71	205.46	2,559.10
Dairy	559.72	563.35	380.35	552.13	718.41	822.79	3,596.75
Farm	6.65	8.15	142.09	6.81	14.55	1.10	179.35
Fuel	1,035.44	1,008.49	1,179.05	963.95	1,046.38	1,112.85	6,346.16
Ordinary Repairs	194.95	559.80	950.37	820.18	611.30	408.92	3,545.52
Vehicles and Harness	13.94	15.69	9.19	34.60	14.63	.....	88.05
Machinery Repairs	11.65	133.01	98.17	12.50	48.85	10.75	314.93
Automobile Repairs	25.87	105.22	136.45	119.22	264.86	39.07	690.69
Garage	141.76	70.00	120.75	85.76	81.39	124.59	624.25
Equipment	.....	.....	.....	749.65	543.40	87.37	1,380.42
New Construction	.....	.....	.....	60.06	.....	107.66	167.72
Payroll	5,592.20	5,639.10	5,645.00	5,645.50	5,610.15	5,580.35	33,712.30
Total	$17,023.27	$18,327.13	$19,897.60	$18,642.59	$21,348.93	$19,201.41	$114,440.93

SUMMARY OF EXPENDITURES—Continued.

JANUARY 1st, 1917, TO JUNE 30th, 1917.

	January	February	March	April	May	June	Total
General Supplies	.....	$ 16.31	.....	$ 1.45	.....	.....	$ 17.76
Medical and Surgical Supplies	$ 148.75	145.30	$ 119.00	555.51	$ 124.88	$ 32.09	1,125.53
Drug Store	134.28	209.00	233.50	52.13	295.58	169.65	1,094.14
Wines and Liquors	494.15	414.50	481.13	370.47	758.56	455.98	2,947.79
Tobacco	282.00	282.00	316.02	282.00	372.72	710.70	2,245.44
Housekeeping	380.90	512.07	283.03	673.82	561.35	463.38	2,874.55
Clothing and Bedding	1,367.83	562.97	758.80	1,557.75	1,273.91	482.71	6,003.97
Kitchen	9.44	9.20	15.76	15.69	19.40	38.65	108.14
Laundry	93.92	397.37	56.20	86.63	67.50	237.63	939.25
Meat, Fish and Poultry	3,905.70	3,291.05	3,278.12	3,468.70	4,333.16	4,527.08	22,803.81
Milk and Cream	247.50	223.44	228.00	99.75	.....	.....	798.69
Butter and Eggs	790.31	852.55	928.69	780.29	828.69	833.16	5,113.69
Groceries	3,111.30	2,881.02	3,054.56	3,071.25	5,136.45	3,607.12	20,861.70
Fruits and Vegetables	555.55	597.09	647.03	574.34	644.43	594.40	3,612.84
Maintenance of Grounds	15.52	80.08	67.86	79.05	106.70	42.06	391.27
Maintenance of Buildings	26.77	51.79	306.72	177.01	138.59	171.95	872.83
Stable	237.35	238.23	112.82	128.56	275.47	421.94	1,414.37
Dairy	564.79	426.80	428.10	421.20	709.28	286.66	2,846.83
Farm	.....	17.40	449.95	33.24	12.00	54.80	567.39
Fuel	1,071.16	1,003.38	976.64	841.49	1,264.79	843.76	6,001.19
Miscellaneous	509.15	139.91	114.05	115.37	530.40	550.80	1,959.68
Power Plant	226.16	136.10	60.64	307.58	256.79	172.08	1,159.35
Alco Truck	220.56	.....	116.21	.....	103.10	52.00	491.87
Velie Truck	263.20	.....	67.88	22.29	8.26	2.75	364.38
Oldsmobile	.27	13.39	14.88	2 71	58.09	.....	89.34
Garage	114.64	134.87	116.39	147.29	136.51	140.70	790.40
Equipment	.....	.....	301.40	205.23	194.48	.....	701.11
New Construction	64.00	.....	293.89	75.83	.....	46.02	479.74
Payroll	5,579.85	5,605.50	5,622.50	5,549.90	5,594.80	5,581.45	33,534.00
Total	$20,415.05	$18,241.29	$19,449.77	$19,696.53	$23,905.89	$20,529.52	$122,238.05

PER CAPITA OF MAINTENANCE, ETC.

	Cost Per Year 1916-1917	Cost Per Month	Cost Per Day	Yearly Cost Per Capita	Monthly Cost Per Capita	Daily Cost Per Capita	Daily Cost Per Capita Including Employees
Subsistence	$102,586.28	$ 8,548.857	$281.058	$73.493	$6.125	$.201	$ 196
Tobacco	3,755.70	312.975	10.289	2.691	.224	.007	
Clothing and Bedding	10,779.60	898.30	29.534	7.723	.643	.021	
Fuel	12,347.33	1,028.946	33.828	8.845	.737	.024	
Drugs, Medical and Surgical Supplies	9,005.57	750.464	24.673	6.452	.538	.018	
Miscellaneous items, Repairs, etc	30,958.18	2,579.848	84.817	22.179	1.848	.061	
Total	$169,432.68	$14,119.39	$464.199	$121.382	$10.115	$.332	
Payroll, Employees	49,169.60	4,097.467	134.711	35.225	2.935	.097	
Payroll, Inmates	18,076.70	1,506.391	49.525	12.95	1.08	.035	
Total	$236,678.98	$19,723.248	$648.435	$169.557	$14.13	$.464	

Daily Average Population for the Year	1,395.86
Aggregate for the Year	509,489.00
Daily Average Employees on Payroll for the Year	47.666
Aggregate for the Year	14,919.00

TABLE 32

REPORT OF INSPECTOR OF INDIGENTS, FISCAL YEAR 1916-1917.

	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Number of applicants receiving care	7624	612	620	602	620	784	625	641	567	591	649	645	668
Number of investigations	8436	862	773	791	800	784	812	878		636	651	681	768
Number of calls	1662	140	108	126	147	154	141	214		131	177	156	173
Cash collected for care of patients	$75.00			$15.00	$15.00	$15.00	$15.00	$15.00					

TABLE 33.

REPORT OF THE CITY PHYSICIAN FOR THE FISCAL YEAR 1916-1917.

Patients treated at City Prison	708
Patients treated at County Jail	792
Visits to residences	541
Visits at office from patients	355
Accidents to Municipal Employes	70
Accidents to Municipal Railroads passengers and employees	46
Visits to Hospitals	8
Operations at Isolation Hospital	6

DIVISION OF
VITAL STATISTICS
FISCAL YEAR 1916-17

Estimated Population (1916)	500,000
Estimated Population U. S. Census (1916)	478,530
Deaths registered	7,294
Annual Death Rate per 1,000 of population	14.58

Total Deaths		7,294
Less Children under 1 week	190	
Non-Residents	770	
Deaths, External Causes	780	1,740
Net Total		5,554

Net Annual Death Rate per 1000 Population, 11.10.

Deaths by Sex.		By Color.	
Males	4,580	White	6,900
Females	2,714	Black	69
		Chinese	260
		Japanese	65

By Social Condition.		By Nativity.	
Single	2,664	San Francisco	1,169
Married	2,698	Other Parts of California	936
Widowed	1,569	Other States	1,635
Divorced	120	Foreign Countries	3,350
Unknown	243	Unknown	204

Births Registered 7,597

Annual Birth Rate per 1000 of Population, 15,19.

Still Births Registered 309

(Not included in Birth or Mortality Tables.)

Marriage Licenses Issued (by County Clerk) 6,355

ED. M. COFFEY

STATISTICIAN

TABLE "A"

BIRTHS REGISTERED (STILL BIRTHS EXCLUDED).

MONTH	TOTALS	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
		MALES	FEMALES	White	Black	Chinese	Japanese			U. S.	Gt. Britain	Ireland	Germany	France	Italy	Scandinavia	China	Japan	Others (Straight Foreign)	Unascertained	Anglo-Saxon	United States Foreign	Others (Mixed Foreign)
1916																							
July	583	303	280	548	2	10	23	8	0	291	7	28	26	5	90	10	2	23	31	4	16	33	17
August	688	350	338	647	1	19	21	2	0	336	13	45	23	5	105	13	9	21	44	4	15	36	19
September	618	315	303	579	1	21	17	10	0	274	9	37	23	8	84	12	7	17	49	4	25	43	26
October	638	329	309	585	4	19	30	7	0	284	7	37	16	10	95	17	2	28	42	8	21	45	26
November	572	302	270	530	2	14	26	5	0	248	6	39	15	3	98	17	9	26	44	3	22	33	15
December	642	326	316	596	1	18	27	3	0	286	16	38	16	10	95	14	11	27	50	6	21	38	14
1917																							
January	615	332	283	578	1	14	22	12	0	275	6	38	26	8	80	18	5	22	48	10	25	31	23
February	588	289	299	555	1	11	21	5	0	266	8	33	35	4	72	9	4	21	41	5	27	36	27
March	698	345	353	646	5	19	28	5	0	316	9	43	20	6	96	14	8	27	64	10	28	37	20
April	682	352	330	635	2	17	28	5	0	325	7	39	21	6	82	13	5	27	55	8	28	46	20
May	605	311	294	574	3	8	20	12	0	309	8	36	26	6	84	16	4	20	34	4	14	26	18
June	668	343	325	640	3	14	11	8	0	332	8	31	19	4	92	10	4	11	54	6	25	48	24
Totals	7597	3897	3700	7113	26	184	274	82	0	3542	104	444 *	266 †	75	1073 ‡	163	64	270	556	72	267	452	249

* U. S.—Irish parentage, 155.
† U. S.—German parentage, 158.
‡ U. S.—Italian parentage, 196.

TABLE "B"

STILL BIRTHS.

	Male	Female	Total
1916—July	20	4	24
August	16	14	30
September	23	13	36
October	10	11	21
November	15	13	28
December	13	9	22
1917—January	18	14	32
February	5	14	19
March	16	12	28
April	15	14	29
May	11	11	22
June	12	6	18
	174	135	309

TABLE NO. 1.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	7,294	4,580	2,714	333	190	322	179	318	198	315	218	403	206	475	297	459	270	412	245	412	235	396	234	391	208	344	234
I. General Diseases	2,118	1,375	743	95	51	104	60	90	52	91	70	103	50	132	68	129	63	120	63	150	72	144	62	116	62	101	70
II. Diseases of Nervous System	528	283	245	14	15	17	23	14	17	23	19	22	22	39	26	30	20	27	20	35	18	19	16	26	20	17	29
III. Diseases of Circulatory System	1,250	739	511	57	41	47	23	61	29	54	45	79	25	76	72	73	52	47	54	60	44	65	53	62	34	58	39
IV. Diseases of Respiratory System	867	570	297	32	19	26	10	28	13	30	18	49	25	71	48	81	47	61	35	49	21	44	26	62	16	37	19
V. Diseases of the Digestive System	490	298	192	31	16	31	17	23	28	21	17	22	10	25	15	25	15	21	9	17	16	29	16	21	16	32	17
VI. Diseases of Genito-Urinary System	852	505	347	38	20	44	27	34	24	41	23	44	43	47	30	52	37	54	29	39	33	36	25	48	27	28	29
VII. The Puerperal State	53	.....	53	....	5	....	3	....	7	....	3	....	1	....	2	....	4	....	3	....	7	....	6	....	7	....	5
VIII. Diseases of the Skin	12	5	7	1	....	1	....	....	1	....	1	1	....	....	4	....	....	....	....	....	....	1	....	....	....	1	1
IX. Diseases of the Bones	17	13	4	....	2	2	....	1	1	1	....	....	....	....	....	3	....	1	....	2	....	....	1	1	....	2	....
X. Malformations	48	22	26	3	2	....	....	5	2	1	2	1	2	....	1	....	2	2	3	2	4	3	4	4	3	1	1
XI. Diseases of Early Infancy	208	123	85	9	5	15	4	12	5	9	3	15	7	13	12	12	8	10	6	5	7	4	7	9	10	10	11
XII. Old Age	67	35	32	2	2	2	1	2	2	2	2	1	1	6	3	4	3	9	4	3	2	2	6	2	2	....	4
XIII. Affections Produced by External Causes	780	608	172	50	12	33	11	48	17	42	15	66	20	66	16	50	19	60	19	50	11	49	12	40	11	54	9
XIV. Ill-Defined Diseases	4	4	.....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....
1. General Diseases.																											
1. Typhoid fever	20	13	7	1	....	....	....	4	1	1	1	....	....	1	1	1	....	2	1	....	1	2	1	1	1	....	....
2. Typhus fever	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Relapsing fever	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Malaria	2	1	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Smallpox	7	3	4	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	2	1	....	....	....	....	....	....
6. Measles	38	24	14	....	....	....	1	....	....	1	....	....	....	1	....	2	....	8	3	7	6	2	3	1	....	2	1
7. Scarlet fever	8	7	1	1	....	....	....	....	....	1	....	1	....	....	....	2	....	....	....	....	1	....	....	1	....	1	....
8. Whooping cough	16	7	9	....	1	1	1	....	....	1	1	....	....	....	....	....	2	2	1	2	1	1	1	....	....	....	1
9. Diphtheria	98	56	42	5	4	6	1	5	2	4	4	3	4	6	6	3	4	10	1	4	3	5	6	2	5	3	2
10. Influenza	9	4	5	....	....	....	....	....	1	....	....	....	....	1	4	2	....	....	....	....	....	1	....	....	....	....	....

11. Miliary fever																									
12. Asiatic cholera																									
13. Cholera Nostras																									
14. Dysentery	2	2														1			1						
15. Plague																									
16. Yellow fever																									
17. Leprosy	1	1																						1	
18. Erysipelas	14	9	5	2		1	1	1				1	1	1		1			1	2			2		
19. Other epidemic diseases—																									
Mumps	1		1								1														
20. Purulent infection and septicæmia—																									
Following infection axilla	1	1															1								
Following infection hand	4	3	1		2								1	1											
Following fracture of toe	1	1																			1				
Following abrasion of heel	1		1															1							
Streptococcus septicæmia	2	2											1											1	
Pyemia—																									
Following infection of finger	1	1					1																		
Following pus absorption	1	1														1									
21. Glanders																									
22. Anthrax																									
23. Rabies																									
24. Tetanus—																									
Following vaccination	1		1		1																				
25. Mycoses (Actinomycosis)	1		1																						1
26. Pellagra																									
27. Beriberi																									
28. Tuberculosis of the lungs	795	624	171	34	12	47	14	34	4	51	18	48	9	66	20	63	19	64	13	72	16	55	15	45	16	45	15
29. Acute miliary tuberculosis	19	15	4	1		3					1	2		1			1	1	1	2	1	3		2			
30. Tuberculous meningitis	50	33	17	3	2	1	1	1	1	1	1	4	1	3	1	3	1	1	1	4	4	2	1	3	1	7	2
31. Abdominal tuberculosis (intestinal)	7	6	1	3				1					1									1		1			
Peritoneal	5	4	1	1		1				1												1					1
32. Pott's disease—																									
(Tuberculosis spine)	3	3												1				1		1							
(Operative shock)	2		2								1										1						
Septicæmia following	1		1												1												
33. White swellings—																									
Tuberculosis hip	1	1																				1					
Arthritis knee	1		1				1																				
(Operative shock)	1	1										1															
34. Tuberculosis of other organs—																									
Of Cervical lmph glands	1	1																				1					
Of kidney	7	6	1			1		1		1							1	1		1				1			
(Operative shock)	1	1														1											
Of sternum	1	1																				1					
Lupus	1		1																								1

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
35. Disseminated tuberculosis	3	3						1						1				1									
36. Rickets	1	1		1																							
37. Syphilis (congenital)	21	10	11		1	2		1	1	1	2		1	3	1	1	1		1		1	1	1	1			
Syphilis (acquired)	72	55	17	3		5		1	2	3	2	5	4	5		5	1	7	1	10		5	1	3	1	3	5
38. Gonococcus infection	1		1																			1					
39. Cancer of the buccal cavity—																											
Lip	7	6	1					1	1	1				1		1				1				1			
Lip (operative shock)	1	1														1											
Maxilla (jaw)	12	11	1					1	1			1		1						1		3		2		2	
Tongue	14	14			2		2	1		2				3						1		2		1			
Tonsil	2	1	1	1							1																
Sarcoma of tonsil	1	1												1													
40[1] Cancer of the stomach	213	151	62	17	4	12	4	15	5	7	3	7	10	15	4	14	5	8	4	17	3	13	4	14	8	12	8
(Operative shock)	1	1														1											
Sarcoma of stomach	2	1	1					1	1																		
40[2] Cancer of the liver	55	31	24	1	2	1	4	3	3	3	2	7		1	1	1	1	1	3	3	2	8	1	1	2	1	3
(Operative shock)	1	1																								1	
41[1] Cancer of the peritonæum, intestines—																											
Of Intestines	48	22	26	1	2	3	4	2	2	2	2	5			2	3	3	1	1	1	1		2	2	6	2	1
Of intestines (operative shock)	3		3						1												2						
Sarcoma of intestines	8	7	1			1		1										1		1	1	1				2	
41[2] Cancer of rectum	37	24	13	2	2	3	2	1	2		1	2		1	1	1	2	3		1	1	4		2		4	2
(Operative shock)	2	1	1												1							1				1	
42. Cancer of the female genital organs—																											
Of uterus	84		84		5		8		5		12		5		7		1		12		5		4		9		11
Uterus (operative shock)	3		3						1						1								1				
Of ovary	7		7				1										2				1		2				1
Of vulva	2		2														1										1
43. Cancer of the breast	48		48		3		4		3		4		2		2		7		7		4		3		3		6
Sarcoma of breast	1		1														1										

| | | |

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

Causes of Death (International Classification)	Grand Totals			1916												1917											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
53. Leukæmia	21	14	7	2	1	1	....	....	1	2	1	....	2	....	1	3	....	1	....	....	....	1	....	2	1	2	....
54. Anæmia, chlorosis	37	14	23	....	2	1	1	....	1	2	5	....	4	1	1	1	1	....	1	4	3	....	2	4	1	1	1
55. Other general diseases																											
56. Alcoholism (acute or chronic)	39	32	7	2	....	4	1	6	....	2	....	5	....	1	2	2	....	1	....	2	1	5	1	1	1	1	1
57. Chronic lead poisoning	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
58. Other chronic occupation poisonings																											
59. Other chronic poisonings—																											
Opium	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Morphinism, chronic	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
II. Diseases of the Nervous System.																											
60. Encephalitis	3	3	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....
61[1] Simple meningitis (cerebral)	7	5	2	....	....	....	1	....	....	....	....	1	....	1	....	1	1	1	....	1	....	....	....	....	....	....	....
(Spinal)	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
(Pneumococcic)	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
(Streptococcic)	6	4	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	2	....	....	....	....
61[2] Cerebrospinal meningitis	5	3	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....	....	1	1	....
61[3] Epidemic cerebrospinal meningitis	7	6	1	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	2	....	....	1
62. Locomotor ataxia	13	8	5	2	....	....	1	2	....	1	....	....	1	....	3	1	....	1	....	1	....	....	....	....	....	....	....
63. Other diseases of the spinal cord—																											
Bulbar paralysis	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Paralysis agitans	5	3	2	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....
Infantile paralysis	5	2	3	....	....	....	....	....	1	....	1	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....
Spastic paralysis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Spastic paraplegia (oper. sepsis)	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
Transverse myelitis	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Multiple sclerosis	5	2	3	....	....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....
Sclerosis of the brain	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
Tumor of spinal cord	2	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....

64.	Cerebral hæmorrhage, apoplexy	374	188	186	9	15	10	17	7	12	13	13	19	15	28	20	18	15	19	14	27	14	9	11	17	16	12	24
65.	Softening of the brain	18	10	8			1	1			1	1					2	1	1	1			1	1	1	1	3	2
66.	Paralysis without specified cause	5	3	2											1		1	1	1			1						
	Hemiplegia	5	3	2	1										1		1			2								
67.	General paralysis of the insane	4	4				1		1								1						1					
68.	Other forms of mental alienation																											
69.	Epilepsy	15	10	5			1		1	1	3	1		1	2						1		1	1		2		
70.	Convulsions (nonpuerperal)																											
71.	Convulsions of infants	2	2				1																		1			
72.	Chorea	1	1																				1					
73.	Neuralgia and neuritis (neuritis)	1		1														1										
74.	Other diseases of the nervous system																											
	Abscess of brain	5	3	2			1				1	1					1					1						
	Tumor of brain	23	12	11			1	2	1	3	2	2	1	2	3	1	1		1						1	1	1	
	Anemia of brain	1		1																				1				
75.	Diseases of the eyes and their adnexa																											
76.	Diseases of the ears—																											
	Otitis media	9	7	2			1		1						2		1		1	1			1	1				
III.	**Diseases of the Circulatory System.**																											
77.	Pericarditis	14	11	3	1								1		1	2	4		1		1		1	1			1	
78.	Acute endocarditis	35	24	11	1		3	1	3	2	1	1	3		1		3		1	1	1	1	1	1	5	1	1	3
79.	Organic diseases of the heart—																											
	(1) Valvular	481	279	202	14	19	12	5	17	9	23	15	32	10	35	30	30	22	22	23	19	20	26	19	22	16	27	14
	(2) Endocarditis, chronic	161	105	56	11	5	4	5	9	4	9	6	15		12	7	4	6	5	3	7	5	10	5	13	4	6	6
	(3) Fatty heart	22	9	13		2			1	1	1	1		1	1	2	3	1	1	1			2	1		3		
	(4) Myocarditis, chronic	329	192	137	24	9	18	6	19	8	11	13	18	10	18	26	22	16	8	12	16	11	15	14	11	5	12	7
80.	Angina pectoris	47	29	18	3	1	2		1		1	3	5	1	5	3	2	2	1	2	3	1	2		1	1	3	4
81.	Diseases of arteries, atheroma, aneurysm, etc.—																											
	(1) Aneurism of aorta	40	34	6	1	1	2		4		5		1	1	1		1	1	3		6		3		3	1	4	2
	(2) Arterio-sclerosis	89	40	49	2	4	4	4	5	4	2	2	2	2	2	1	3	3	5	9	6	4	1	11	5	3	3	2
82.	Embolism and thrombosis	23	11	12			2	2	1	1	1	2	1			1		1		1		2	3	1	2		1	1
83.	Diseases of veins—																											
	Hæmorrhoids	1	1						1																			
	Phlebitis	3		3								2								1								
	Phlebitis (septicemia following)	1		1																1								
84.	Diseases of lymphatic system—																											
	Enlarged thymus (oper. shock)	1	1																				1					
	Lymphangitis (septic from ulcerated tooth)	1	1										1															
	Status lymphaticus	1	1														1											
	Status thymicus (septic)	1	1																		1							
85.	Hæmorrhage (other diseases of circulatory system)																											

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
IV. Diseases of the Respiratory System.																											
86. Diseases of the nasal fossæ																											
87. Diseases of the larynx—																											
Acute laryngitis	3	2	1	1												1						1					
Tumor of larynx	1	1																				1					
Edema of glottis	3	1	2				1													1							1
Spasm of glottis	1	1		1																							
88. Diseases of the thyreoid body—																											
Thyreoidism	3	2	1																			2					1
Myxedema	1		1												1												
89. Acute bronchitis	50	28	22	2		1			1		2	1	3	3	6	10	2	5	3	2	1	3	2		1	1	1
90. Chronic bronchitis	39	29	10			1		2		1		2	1	3	1	5	2	4	1	1	1	5	2	2		3	2
91. Bronchopneumonia	295	191	104	10	7	6	1	10	3	12	4	21	12	31	16	25	22	26	14	21	10	8	6	12	4	9	5
92. Lobar pneumonia	408	273	135	15	10	15	7	13	6	15	10	22	9	33	20	35	19	25	16	23	8	25	13	35	9	17	8
93. Pleurisy	44	30	14	2	1	2		3	2	2	2	2		3		3	2			1		1	2	8	1	6	1
94. Pulmonary congestion	2	1	1																					1	1		
Hypostatic pneumonia	8	3	5	1	1		1							1	1	1			1		1						
95. Gangrene of the lung	1	1																				1					
96. Asthma	4	3	1						1			1						1						1			
97. Pulmonary emphysema																											
98. Other diseases respiratory system (tuberculosis excepted)																											
Abscess of lungs	4	4				1										1						1			1		
V. Diseases of the Digestive System.																											
99. Diseases of the mouth and adnexa—																											
Stomatitis (septicæmia following)	1		1														1										
100. Diseases of the pharynx—																											
Tonsillitis (streptococcic infection)	3		3					1		1										1							

	Abscess tonsil (septicæmia foll.)	1	1		1																										
	Phlegmonous pharyngitis	1	1											1																	
	Ludwig's angina	2	1	1						1				1																	
101.	Diseases of the œsophagus																														
102.	Ulcer of the stomach	36	24	12	6	2	2		2	2	2	2	2					1	1	3	1			5		1	3	2	1		
103.	Other diseases of stomach (cancer excepted)—																														
	Chronic gastritis	8	3	5	1					1						1	1	1						1		2					
	Dilatation stomach	1		1																				1							
	Foreign body in stomach	1	1													1															
104.	Diarrhœa and enteritis (under 2 yrs.)																														
	Cholera infantum	2	2					1						1																	
	Diarrhea	3	1	2					1																1			1			
	Enteritis	8	3	5		1	2									1			1				1			2				
	Entero-colitis	7	3	4	1		1			2													1				1	1			
	Gastro-enteritis	39	19	20	2		2	3	1	4	2	3	1	2	2	3		2	2	1	1		4	1	2	1					
	Ileo-colitis	4	1	3	1			2		1																					
105.	Diarrhœa and enteritis (2 years and over)—																														
	Enteritis	8	5	3			1	1								1					1		1			1	2			
	Entero-colitis	2	2						1																		1				
	Gastro-enteritis	9	6	3	1			1	1				1						1			1			2		1				
	Duodenal ulcer	19	16	3	2		1				1		1		4				2	1	1		1		1		2	2			
106.	Ankylostomiasis																														
107.	Intestinal parasites																														
108.	Appendicitis	85	61	24	4	2	7	1	6	5	5	1	6	1	2		7	2	5	2	5	1	5	3	5	1	4	5			
	(Operative shock)	4	2	2						2															1		1				
	(Operative sepsis)	1	1		1																										
109[1]	Hernias	17	7	10	1	1		1		1	1		1	1	1		2	1		1		2		1		1	1				
	(Operative shock)	2	2				1		1																						
109[2]	Intestinal obstructions	33	13	20	2	3	1	2	1	2	1	1			1	3		1	3		1	2	1	4	1	1	1	1			
	(Operative shock)	4	1	3				1	1													1		1							
	(Operative sepsis)	1		1						1																					
	Intussusception	6	2	4			1	1							1						1	1		1							
	Volvulus	3	2	1											1		1						1								
110.	Other diseases of the intestines (fecal fistula)	1		1											1																
	Ischiorectal abscess (pyemia fol.)	1	1		1																										
	Dilatation colon	1		1						1																					
	Gangrene intestines	1	1				1																								
111.	Acute yellow atrophy of the liver	4	2	2			1					1									1						1				
112.	Hydatid tumor of the liver	1		1		1																									
113.	Cirrhosis of the liver	130	91	39	7	4	10	4	9	1	6	5	7	3	9	3	10	3	3	2	7	3	7	3	5	3	11	5			
114.	Biliary calculi	12	6	6		1				1	1	1						2				1	3		1		1				
	(Operative shock)	2	1	1								1					1														
	(Operative sepsis)	1		1								1																			

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
115. Other diseases of the liver																											
Abscess of	3	3												2											1		
Inflammation of	2	1	1											1		1											
Catarrhal jaundice	2	1	1									1		1													
Cholecystitis	8	6	2		1							1						2			1	1		1		1	
Empyema gall bladder	4	2	2				1							1	1	1											
116. Diseases of the spleen																											
117. Simple peritonitis (nonpuerperal)																											
118. Other diseases of digestive system (excepting cancer, tuberculosis)																											
Hemorrhagic pancreatitis	6	3	3							1				1				1						1	1	1	
VI. Diseases of the Genito-Urinary System.																											
119. Acute nephritis	61	41	20	5	1	4	1		1	3	1	5	2	1	3	3	3	6	1	3	3	1	1	6	1	4	2
120. Bright's disease	679	413	266	33	18	35	17	28	16	30	19	37	35	39	23	45	28	46	27	30	26	30	22	40	19	20	16
121. Chyluria																											
122. Other diseases of the kidneys and adnexa—																											
Abscess of	1	1						1																			
Tumor of	1	1						1																			
(Operative shock)	1		1																1								
Pyelitis	7	5	2		1					3							1			1					1		
Pyeloneprithis	6	4	2											1	1	1				1				1	1		
Pyonephrosis	13	10	3			2				1		1	1	1		1						3	1	1	1		
Staphylococcic infection of	1		1				1																				
123. Calculi of the urinary passages	3	3						1						2													
124. Diseases of the bladder (cystitis, chronic)	3	2	1			1									1					1							
Cystitis, streptococcic septicemia	1		1																		1						

	Tumor of	1	1							1																					
	Septic infection of	1	1												1																
125.	Diseases of the urethra, urinary abscess, etc. (recto-vesical fistula)	1	1								1																				
126.	Diseases of the prostate (hypertrophy of)	17	17			1		2		1		1		1		2		2		2		2		2		1					
	(Operative shock)	3	3							2				1																	
	Abscess of	1	1			1																									
	Inflammation of (septicemia foll.)	1	1																	1											
127.	Nonvenereal diseases male genital organs																														
128.	Uterine hæmorrhage (nonpuerperal)																														
129.	Uterine tumor (noncancerous)																														
	Fibro-myoma of	10		10		1		2		1		1		1		2										1					1
	(Operative shock)	4		4				1																							3
130.	Other diseases of the uterus—																														
	Prolapse of	1		1												1															
	Endometritis	1		1				1																							
	Menopause	1		1																1											
	Pelvic cellulitis	2		2																						1					1
	Gangrene uterus	1		1																											1
131.	Cysts and other tumors of the ovary (cyst)	7		7		1		1		1				1						1						1					1
	cyst (operative shock)	2		2		2				2																					
132.	Salpingitis and other diseases of female genital organs (salpingitis)	20		20		4		2		1		4				2				1						2					4
133.	Nonpuerperal diseases of the breast (cancer excepted)—																														
	Mastitis (septicemia following)	1		1																					1						
	VII. The Peurperal State.																														
134.	Accidents of pregnancy—																														
	Abortion (spontaneous)	1		1																1											
	Abortion (self-induced)	2		2	1																					1					
	Miscarriage	2		2														2													
	Extra uterine pregnancy	5		5				2				1		1												1					
	Pernicious vomiting	1		1				1																							
	Prolapse of uterus	1		1																1											
135.	Puerperal hæmorrhage—																														
	Placenta previa	4		4	2															1											1
	Retained placenta	1		1																											1
	Post-partum	1		1																											1
136.	Other accidents of labor—																														
	Cesarian section	2		2				1								1															
	Difficult labor	2		2				1																	1						
	Prolonged labor	1		1	1																										

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

	Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
					July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
					M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	Rupture of uterus	3		3																1		1					1
	Shock following childbirth	1		1																1							
137.	Puerperal septicæmia	6		6					1		2							1		1				1			
138.	Puerperal albuminuria and convulsions	18		18		1		3		1		1						2		1		3		4		1
139.	Puerperal phlegmasia alba dolens, embolus, sudden death (embolism)	1		1											1											
140.	Following childbirth (not otherwise specified)	1		1																		1					
141.	Puerperal diseases of the breast																										
	VIII. Diseases of the Skin.																										
142.	Gangrene of leg	2		2											1												1
143.	Furuncle (pyemia following)	1	1			1																					
	Carbuncle lip (septicemia foll.)	1	1					1																			
144.	Acute abscess—																										
	Of buttock	1	1																						1		
	Multiple (pyemia foll.)	1	1										1														
	Streptococcic cellulitis	2	1	1											1						1						
145.	Other diseases of the skin and adnexa																										
	Erythema (septicemia foll.)	1		1											1												
	Impetigo (septicemia foll.)	1		1											1												
	Pemphigus (neonatorum)	1		1					1																		
	Ulcer leg (septicemia foll.)	1		1							1																
	IX. Diseases of the Bones.																										
146.	Diseases of the bones (tuberculosis excepted)—																										
	Mastoiditis	6	4	2		1			1									1				1	1		1		

	Mastoiditis (septicemia foll.)	3	3				1			1					1														
	Osteomyelitis, multiple	2	1	1		1																						1	
	Osteomyelitis (septicemia foll.)	2	2												1				1										
147.	Diseases of the joints (excepting tuberculosis and rheumatism—																												
	Abscess ankle (septicemia foll.)	1	1																1										
	Abscess knee (pyemia foll.)	1	1			1																							
	Arthritis, chronic, multiple	1	1												1														
	Arthritis (septic)	1		1					1																				
148.	Amputations																												
149.	Other diseases of the organs of locomotion																												
	X. Malformations.																												
150[1]	Hydrocephalus	3	1	2		1																		1					1
150[2]	Congenital malformation of heart	32	15	17	1	1			4		1	2	1			1		2	2	3	2	2	1	4	2	2	1		
150[3]	Other congenital malformations—																												
	Imperforate anus	1	1																				1						
	(Operative sepsis)	1		1									1																
	Cleft palate	1	1						1																				
	Hemiacephalus	1		1																		1							
	Microcephalus	1		1						1																			
	Pyloric stenosis	2	1	1																		1			1				
	Spina bifida	3	1	2	1					1			1																
	Enlarged thymus	2	1	1	1																					1			
	Defect vascular system	1	1																				1						
	XI. Diseases of Early Infancy.																												
151[1]	Premature birth	119	71	48	5	4	9	1	7	4	7	3	7	4	5	6	9	4	6	3	4	2	2	4	5	8	5	5	
151[2]	Congenital debility, "atrophy," "marasmus," etc.	15	11	4			3	1			2		2		3	1		1		1							1		
	Icterus neonatorum	1		1																		1							
152[1]	Other diseases peculiar to early infancy																												
	Difficult labor	3	2	1										1				1										1	
	Instrumental delivery	13	10	3	2				1				1	1	2		1		1		1			2			1		
	Rupture spleen	1		1																								1	
	Strangulation, umbilical cord	1		1																								1	
152[2]	Asphyxia neonatorum	4	2	2										1		1									1		1		
	Atelectasis neonatorum	27	14	13		1	2	1	3	1			3		1	3	2	2	1			2	1	1	1	2			
	Hemorrhagica neonatorum	11	4	7			1	1					1	1						2		2	1				1	1	
	Melena neonatorum	2	2						1				1																
	Hemorrhage umbilical cord	4	3	1	1											1									1		1		
	Infection umbilical cord	3	2	1											1				1									1	
	Septic pyelo-cystitis	1		1																								1	
	Suffocation (in bed clothes)	1		1														1											

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
153. Lack of care (exposure)	2	2		1																				2			
. XII. Old Age.																											
154. Senility	67	35	32	2	2	2	1	2	2	2	2	1	1	6	3	4	3	9	4	3	2	2	6	2	2		4
XIII. Affections Produced by External Causes.																											
155. Suicide by poison—																											
Arsenic	1	1						1																			
Bi-chloride mercury	7	4	3			1						1					1	1	1					1		1	
Chloroform	3	2	1						1			1		1													
Cresol	1	1				1																					
Cyanide of potassium	7	6	1			1		1					1			1		2		1							
Lysol	2	1	1						1																	1	
Morphine	1	1																				1					
Phenol	1		1		1																						
Strychnine	5	5		1		1		1		1										1							
156. Suicide by asphyxia (illuminating gas)	70	48	22	1	1	3		2	5	2	2	7		7	2	7	1	1	4	3	2	3	1	5	3	7	1
157. Suicide by hanging or strangulation	11	11				1		3		1		2						1								3	
158. Suicide by drowning	9	8	1			1		1		1								1				2		2	1		
159. Suicide by firearms	86	77	9	8	1	3	1	6		5		12		7		7	1	6	4	7	1	6		3		7	1
160. Suicide by cutting or piercing instrument	11	11		1		1		1		1				1		1				1		1		2		1	
161. Suicide by jumping from a high place	8	2	6						1		1	1	2	1			1										1
162. Suicide by crushing (under train)	1	1						1																			
163. Other suicides																											
164. Poisoning by food—																											
Ptomaines (eating peanuts)	1		1						1																		

165.	Other acute poisonings—																														
	Alum (accidentally self-admin.)	1		1						1																					
	Belladonna (accidentally self-ad.)	1		1						1																					
	Chloroform (accidentally self-ad.)	1		1																		1									
	Cresol (accidentally self-admin.)	1		1																							1				
	Lysol (accidentally self-admin.)	1	1																	1											
	Opium (accidentally self-admin.)	1	1									1																			
	Potash (accidentally self-admin.)	1	1													1															
	Strychnine (accidentally self-ad.)	1		1									1																		
	Unknown poison (accidentally self-administered)	1		1																		1									
166.	Conflagration (in burning building)	5	1	4		3			1	1																					
167.	Burns (conflagration excepted)—																														
	Accidental ignition clothing—																														
	From bonfire	1	1		1																										
	Playing with matches	3	1	2									1				1													1	
	From lighted candle	2	1	1																		1	1								
	From lighted cigarette	1		1																				1							
	From spirit lamp	1		1											1																
	From gas stove	2		2									1											1							
	Lighting fire kerosene	1		1													1														
	Explosion kerosene stove	1	1		1																										
	Burns from burning asphalt	1	1																											1	
	From boiling paraffine	1		1				1																							
	From escaping steam	1	1						1																						
	From explosion distillate	1	1																											1	
	From exploding gasoline	1	1						1																						
	From scalding soup	1		1																1											
	From scalding tea	1	1		1																										
	From scalding water	3	1	2																			1	1		1					
168.	Absorption of deleterious gases (conflagration excepted)—																														
	Illuminating gas (accidental)	82	66	16	3	1	2	1	2	1	4	3	9		11	4	8	2	12	1	6	1	1		4		4	2
	Inhalation of smoke	1	1												1																
	Ether anesthesia	2	2										1										1								
	Nitrous oxide anesthesia	1		1				1																							
	Inhalation chloroform fumes	1	1								1																				
	Inhalation cyanide fumes	3	3								1		1								1										
169.	Accidental drowning (Bay)	38	38		4						3		2		3		2		7		5		5		4		3				
	Pacific ocean	4	3	1									1		1								1	1							
170.	Traumatism by firearms	8	7	1							1	1	1		1						2		1				1				
171.	Traumatism by cutting or piercing instruments—																														
	By broken glass	1	1																1												
	Piercing abdomen	1	1																1												

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
172. Traumatism by fall—																											
From baby carriage	1	1												1													
Over balustrade	1	1																1									
From bed	2		2			1										1											
From bunker	1	1												1													
From chair	5	1	4									2			1					1	1						
From chimney	1	1								1																	
Over cliff	1	1						1																			
From derrick	2	2																		1				1			
From electric light pole	1	1																1									
On floor	14	3	11	1			2		2		2					1	1	1			1		3				
From high-chair	1	1																1									
From ladder	4	4		1								2										1					
On pavement	17	11	6	1					1	1	2	2	2	2		2		1	1			1				1	
From plank	1	1										1															
From platform	2	2								1				1													
From R. R. trestle	1	1										1															
From scaffold	9	9				2		1				1		1		1				1		2					
From scaffold (defective)	1	1								1																	
Into hold of ship	2	2																1				1					
Thru skylight	2	1	1								1									1							
From sliding-board	1	1																				1					
From sliding-pole	1	1																1									
Down stairs	17	14	3							1		1		3		1		2		3	1	1	1		1	2	
From swinging rings	1	1																						1			
Fall against stove	1		1										1														
From wall	1	1										1															
From window	11	7	4	1	1		1	1					1					1	1	1		2		1			
Nature unknown	3	2	1									1							1							1	

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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

	Causes of Death (International Classification)	Grand Totals	Males	Females	1916												1917											
					July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
					M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
175[4]	Injuries by other vehicles—																											
	Fall from bicycle	2	2								1												1					
	Struck by motorcycle	2	2										1		1													
	Crushed by overturning motorcycle	1	1				1																					
	Collision motorcycle with auto	1	1		1																							
	Run over by truck	8	6	2					1	1	1	1			2								1		1			
	Run over by wagon	2	1	1								1	1															
	Fall from wagon	7	7		1				1				1		1		1		1		1						1	
	Thrown from wagon	3	3				1				1							1										
	Struck by wagon	2	2										1														1	
	Crushed between brake and wheel	1	1														1											
175[5]	Landslides—other crushing—																											
	Crushed by caving earth	5	5										2				1								2			
	Struck by falling freight	1	1																		1							
	Crushed by falling lumber	2	2														1				1							
	Crushed by falling timber	7	7				1		4		1		1															
	Crushed by lumber crates	1	1										1															
	Crushing chest—manner unknown	1	1		1																							
176.	Injuries by animals—																											
	Kicked by bull	1	1																						1			
	Kicked by horse	1	1						1																			
	Fall from horse	1	1				1																					
	Struck by runaway horses	1	1						1																			
177.	Starvation																											
178.	Excessive cold																											
179.	Effects of heat																											
180.	Lightning																											

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TABLE No. II.

REPORTS OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	By Less than 1 Da. M	By Less than 1 Da. F	By 1 Da. M	By 1 Da. F	By 2 Da. M	By 2 Da. F	By 3 to 6 Da. M	By 3 to 6 Da. F	By Total less than 1 Wk. M	By Total less than 1 Wk. F
DEATHS FROM ALL CAUSES.	7,294	4,580	2,714	68	46	5	3	8	14	22	24	103	87
I. General Diseases	2,118	1,375	743	....	....	....	....	....	1	1	2	1	3
II. Diseases of Nervous System	528	283	245	1	....	....	....	....	....	....	....	1	....
III. Diseases of Circulatory System	1,250	739	511	....	....	....	....	....	....	....	....	....	....
IV. Diseases of Respiratory System	867	570	297	....	....	1	....	....	....	1	4	2	4
V. Diseases of the Digestive System	490	298	192	....	....	....	....	....	....	1	1	1	1
VI. Diseases of Genito-Urinary System	852	505	347	....	....	....	....	....	....	....	1	....	1
VII. The Puerperal State	53	....	53	....	....	....	....	....	....	....	....	....	....
VIII. Diseases of the Skin	12	5	7	....	....	....	....	....	....	....	....	....	....
IX. Diseases of the Bones	17	13	4	....	....	....	....	....	....	....	....	....	....
X. Malformations	48	22	26	5	4	1	....	2	3	5	5	13	12
XI. Diseases of Early Infancy	208	123	85	62	42	3	3	6	10	14	11	85	66
XII. Old Age	67	35	32	....	....	....	....	....	....	....	....	....	....
XIII. Affections Produced by External Causes	780	608	172	....	....	....	....	....	....	....	....	....	....
XIV. Ill-Defined Diseases	4	4	....	....	....	....	....	....	....	....	....	....	....
1. General Diseases.													
1. Typhoid fever	20	13	7	....	....	....	....	....	....	....	....	....	....
2. Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Relapsing fever	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Malaria	2	1	1	....	....	....	....	....	....	....	....	....	....
5. Smallpox	7	3	4	....	....	....	....	....	....	....	....	....	....
6. Measles	38	24	14	....	....	....	....	....	....	....	....	....	....
7. Scarlet fever	8	7	1	....	....	....	....	....	....	....	....	....	....
8. Whooping cough	16	7	9	....	....	....	....	....	....	....	....	....	....
9. Diphtheria	98	56	42	....	....	....	....	....	....	....	....	....	....
10. Influenza	9	4	5	....	....	....	....	....	....	....	....	....	....
11. Miliary fever	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Cholera Nostras	....	....	....	....	....	....	....	....	....	....	....	....	....
14. Dysentery	2	2	....	....	....	....	....	....	....	....	....	....	....
15. Plague	....	....	....	....	....	....	....	....	....	....	....	....	....
16. Yellow fever	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Leprosy	1	1	....	....	....	....	....	....	....	....	....	....	....
18. Erysipelas	14	9	5	....	....	....	....	....	....	....	....	....	....
19. Other epidemic diseases—													
Mumps	1	....	1	....	....	....	....	....	....	....	....	....	....
20. Purulent infection and septicæmia—													
Following infection axilla	1	1	....	....	....	....	....	....	....	....	....	....	....
Following infection hand	4	3	1	....	....	....	....	....	....	....	....	....	....
Following fracture of toe	1	1	....	....	....	....	....	....	....	....	....	....	....
Following abrasion of heel	1	....	1	....	....	....	....	....	....	....	....	....	....
Streptococcus septicæmia	2	2	....	....	....	....	....	....	....	....	....	....	....
Pyemia—													
Following infection of finger	1	1	....	....	....	....	....	....	....	....	....	....	....
Following pus absorption	1	1	....	....	....	....	....	....	....	....	....	....	....
21. Glanders	....	....	....	....	....	....	....	....	....	....	....	....	....
22. Anthrax	....	....	....	....	....	....	....	....	....	....	....	....	....
23. Rabies	....	....	....	....	....	....	....	....	....	....	....	....	....
24. Tetanus—													
Following vaccination	1	....	1	....	....	....	....	....	....	....	....	....	....
25. Mycoses (Actinomycosis)	1	....	1	....	....	....	....	....	....	....	....	....	....
26. Pellagra	....	....	....	....	....	....	....	....	....	....	....	....	....
27. Beriberi	....	....	....	....	....	....	....	....	....	....	....	....	....
28. Tuberculosis of the lungs	795	624	171	....	....	....	....	....	....	....	....	....	....
29. Acute miliary tuberculosis	19	15	4	....	....	....	....	....	....	....	....	....	....
30. Tuberculous meningitis	50	33	17	....	....	....	....	....	....	....	....	....	....
31. Abdominal tuberculosis (intestinal)	7	6	1	....	....	....	....	....	....	....	....	....	....
Peritoneal	5	4	1	....	....	....	....	....	....	....	....	....	....

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
3	4	18	13	18	9	142	113	18	17	17	10	42	24	36	34	36	25	291	223	62	49	32	28	24	20	32	23	441	344
....	....	....	2	3	....	4	5	3	2	2	....	5	5	6	5	14	3	34	20	27	21	19	12	11	11	19	11	110	75
....	....	1	....	....	....	2	....	....	....	....	....	3	....	1	2	2	2	7	3	2	2	2	1	2	....	3	3	16	9
....	....	1	....	....	....	1	....	2	....	....	....	2	....	1	....	....	....	6	....	....	....	....	1	....	....	....	....	6	1
2	....	2	1	4	1	10	6	3	6	3	5	18	8	15	13	12	14	61	52	18	14	7	4	1	3	3	3	90	76
....	1	....	....	1	4	2	6	2	3	4	4	8	6	7	10	5	5	28	34	6	3	2	5	5	3	1	3	42	48
....	....	....	....	....	....	....	1	....	....	....	....	2	....	4	2	1	....	7	3	2	2	....	....	3	1	....	....	12	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	1	....	2	....	1	....	....	....	....	....	....	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	1	....	....	....	....	....	2	....	4	1
....	3	1	4	1	1	15	20	1	1	2	....	2	1	1	....	....	....	21	22	1	1	....	3	....	....	....	....	22	26
1	....	13	6	8	2	107	74	7	4	6	2	2	4	....	1	....	....	122	85	1	....	....	....	....	....	....	....	123	85
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	1	....	....	1	....	....	....	....	2	1	1	....	4	2	4	5	2	2	2	2	4	3	16	14
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	By Less than 1 Da. F	By 1 Da. M	By 1 Da. F	By 2 Da. M	By 2 Da. F	By 3 to 6 Da. M	By 3 to 6 Da. F	By Total less than 1 Wk. M	By Total less than 1 Wk. F
32. Pott's disease—													
(Tuberculosis spine)	3	3											
(Operative shock)	2		2										
Septicæmia following	1		1										
33. White swellings—													
Tuberculosis hip	1	1											
Arthritis knee	1		1										
(Operative shock)	1	1											
34. Tuberculosis of other organs—													
Of Cervical lmph glands	1	1											
Of kidney	7	6	1										
(Operative shock)	1	1											
Of sternum	1	1											
Lupus	1		1										
35. Disseminated tuberculosis	3	3											
36. Rickets	1	1											
37. Syphilis (congenital)	21	10	11						1	1	2	1	3
Syphilis (acquired)	72	55	17										
38. Gonococcus infection	1		1										
39. Cancer of the buccal cavity—													
Lip	7	6	1										
Lip (operative shock)	1	1											
Maxilla (jaw)	12	11	1										
Tongue	4	14											
Tonsil	2	1	1										
Sarcoma of tonsil	1	1											
40[1] Cancer of the stomach	213	151	62										
(Operative shock)	1	1											
Sarcoma of stomach	2	1	1										
40[2] Cancer of the liver	55	31	24										
(Operative shock)	1	1											
41[1] Cancer of the peritonæum, intestines—													
Of Intestines	48	22	26										
Of intestines (operative shock)	3		3										
Sarcoma of intestines	8	7	1										
41[2] Cancer of rectum	37	24	13										
(Operative shock)	2	1	1										
42. Cancer of the female genital organs—													
Of uterus	84		84										
Uterus (operative shock)	3		3										
Of ovary	7		7										
Of vulva	2		2										
43. Cancer of the breast	48		48										
Sarcoma of breast	1		1										
44. Cancer of the skin—													
Of ear	1	1											
Of face	4	3	1										
Of nose	3	1	2										
Sarcoma of face	1		1										
45. Cancer of other or unspecified organs													
Bladder (urinary)	15	12	3										
Bladder (urinary) operative shock	2	1	1										
Brain	2		2										
Eye	2	1	1										
Inguinal glands	2	1	1										
Kidney	4	3	1										
Larynx	11	11											
Lung	5	5											
Mediastinum	2	1	1										
Neck	4	4											
Penis	1	1											
Pharynx	5	5											
Pleura	2	2											
Prostate	12	12											

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
																										1		1	
																											1		1
																				1								1	
												1		1		1		2		1								3	
		2	1			2	5	2	2	2			2	1	1	1		8	10		1							8	11

TABLE No. II.—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	Grand Totals	Males	Females	By									
					Less than 1 Da.		1 Da.		2 Da.		3 to 6 Da.		Total less than 1 Wk.	
					M	F	M	F	M	F	M	F	M	F
	Spine	3	1	2										
	Testicle	1	1											
	Thigh	2	1	1										
	Thyreoid	1		1										
	Sarcoma of arm	1		1										
	Of brain	4	1	3										
	Of hand	1	1											
	Of eye	1		1										
	Of femur	1	1											
	Of hip	1		1										
	Of iliac glands	1		1										
	Of kidney	1	1											
	Of lung	1		1										
	Of Mediastinum	3	1	2										
	Of neck	4	3	1										
	Of mentum	1	1											
	Of testicle	1	1											
	Of thigh	3	1	2										
46.	Other tumors (except of female genital organs) of Mediastinum	1		1										
47.	Acute articular rheumatism	18	9	9										
48.	Chronic rheumatism and gout	5	3	2										
49.	Scurvy	1	1											
50.	Diabetes	102	48	54										
51.	Exophthalmic goitre	6		6										
52.	Addison's disease	1		1										
53.	Leukæmia	21	14	7										
54.	Anæmia, chlorosis	37	14	23										
55.	Other general diseases													
56.	Alcoholism (acute or chronic)	39	32	7										
57.	Chronic lead poisoning	1	1											
58.	Other chronic occupation poisonings													
59.	Other chronic poisonings—													
	Opium	1	1											
	Morphinism, chronic	1		1										
	II. Diseases of the Nervous System.													
60.	Encephalitis	3	3											
61[1]	Simple meningitis (cerebral)	7	5	2										
	(Spinal)	1	1											
	(Pneumococcic)	1		1										
	(Streptococcic)	6	4	2										
61[2]	Cerebrospinal meningitis	5	3	2										
61[3]	Epidemic cerebrospinal meningitis	7	6	1										
62.	Locomotor ataxia	13	8	5										
63.	Other diseases of the spinal cord—													
	Bulbar paralysis	1	1											
	Paralysis agitans	5	3	2										
	Infantile paralysis	5	2	3										
	Spastic paralysis	1		1										
	Spastic paraplegia (oper. sepsis)	1		1										
	Transverse myelitis	1	1											
	Multiple sclerosis	5	2	3										
	Sclerosis of the brain	1	1											
	Tumor of spinal cord	2		2										
64.	Cerebral hæmorrhage, apoplexy	374	188	186										
65.	Softening of the brain	18	10	8										
66.	Paralysis without specified cause	5	3	2										
	Hemiplegia	5	3	2										
67.	General paralysis of the insane	4	4											
68.	Other forms of mental alienation													
69.	Epilepsy	15	10	5										
70.	Convulsions (nonpuerperal)													

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
																										1		1	
																					1								1
																				1	1		1	1				2	2
																				1									1
												1				1	1	2	1			1						2	2
												1						1			1							1	
														1			1		1			1		1				1	1
																1		1				1						2	1
																1		1		1						2		3	
																	1												
																												1	

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	By Less than 1 Da. F	By 1 Da. M	By 1 Da. F	By 2 Da. M	By 2 Da. F	By 3 to 6 Da. M	By 3 to 6 Da. F	By Total less than 1 Wk. M	By Total less than 1 Wk. F
71. Convulsions of infants	2	2		1								1	
72. Chorea	1	1											
73. Neuralgia and neuritis (neuritis)	1		1										
74. Other diseases of the nervous system													
Abscess of brain	5	3	2										
Tumor of brain	23	12	11										
Anemia of brain	1		1										
75. Diseases of the eyes and their adnexa													
76. Diseases of the ears—													
Otitis media	9	7	2										
III. Diseases of the Circulatory System.													
77. Pericarditis	14	11	3										
78. Acute endocarditis	35	24	11										
79. Organic diseases of the heart—													
(1) Valvular	481	279	202										
(2) Endocarditis, chronic	161	105	56										
(3) Fatty heart	22	9	13										
(4) Myocarditis, chronic	329	192	137										
80. Angina pectoris	47	29	18										
81. Diseases of arteries, atheroma, aneurysm, etc.—													
(1) Aneurism of aorta	40	34	6										
(2) Arterio-sclerosis	89	40	49										
82. Embolism and thrombosis	23	11	12										
83. Diseases of veins—													
Hæmorrhoids	1	1											
Phlebitis	3		3										
Phlebitis (septicemia following)	1		1										
84. Diseases of lymphatic system—													
Enlarged thymus (oper. shock)	1	1											
Lymphangitis (septic from ulcerated tooth)	1	1											
Status lymphaticus	1	1											
Status thymicus (septic)	1	1											
85. Hæmorrhage (other diseases of circulatory system)													
IV. Diseases of the Respiratory System.													
86. Diseases of the nasal fossæ													
87. Diseases of the larynx—													
Acute laryngitis	3	2	1										
Tumor of larynx	1	1											
Edema of glottis	3	1	2										
Spasm of glottis	1	1											
88. Diseases of the thyreoid body—													
Thyreoidism	3	2	1										
Myxedema	1		1										
89. Acute bronchitis	50	28	22								1		1
90. Chronic bronchitis	39	29	10										
91. Bronchopneumonia	295	191	104			1				1	2	2	2
92. Lobar pneumonia	408	273	135								1		1
93. Pleurisy	44	30	14										
94. Pulmonary congestion	2	1	1										
Hypostatic pneumonia	8	3	5										
95. Gangrene of the lung	1	1											
96. Asthma	4	3	1										
97. Pulmonary emphysema													
98. Other diseases respiratory system (tuberculosis excepted)													
Abscess of lungs	4	4											

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																																			
1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
		1				2												2										2								
												1						1										1								
														1				1										1								
		1				1		2				1						4					1					4	1							
												1						1										1								
																1		1	1	1								1	1							
														1				1										1								
2		1				3	1	1			1	2		1	1			7	3	1	1							8	4
												1						1		1								2	
		1		3		6	2	1	5	2	4	7	6	9	7	6	7	31	31	9	8	5	2		1	1	1	46	43
			1	1	1	1	3	1	1	1		7	2	4	4	6	6	20	16	7	5	1	2	1	2	2	1	31	26
															1				1			1						1	1

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	By Less than 1 Da. F	By 1 Da. M	By 1 Da. F	By 2 Da. M	By 2 Da. F	By 3 to 6 Da. M	By 3 to 6 Da. F	By Total less than 1 Wk. M	By Total less than 1 Wk. F
V. Diseases of the Digestive System.													
99. Diseases of the mouth and adnexa—													
Stomatitis (septicæmia following)	1		1										
100. Diseases of the pharynx—													
Tonsillitis (streptococcic infection)	3		3										
Abscess tonsil (septicæmia foll.)	1	1											
Phlegmonous pharyngitis	1	1											
Ludwig's angina	2	1	1										
101. Diseases of the œsophagus													
102. Ulcer of the stomach	36	24	12										
103. Other diseases of stomach (cancer excepted)—													
Chronic gastritis	8	3	5										
Dilatation stomach	1		1										
Foreign body in stomach	1	1											
104. Diarrhœa and enteritis (under 2 yrs.)													
Cholera infantum	2	2											
Diarrhea	3	1	2										
Enteritis	8	3	5										
Entero-colitis	7	3	4							1		1	
Gastro-enteritis	39	19	20										
Ileo-colitis	4	1	3										
105. Diarrhœa and enteritis (2 years and over)—													
Enteritis	8	5	3										
Entero-colitis	2	2											
Gastro-enteritis	9	6	3										
Duodenal ulcer	19	16	3										
106. Ankylostomiasis													
107. Intestinal parasites													
108. Appendicitis	85	61	24										
(Operative shock)	4	2	2										
(Operative sepsis)	1	1											
109[1] Hernias	17	7	10										
(Operative shock)	2	2											
109[2] Intestinal obstructions	33	13	20										
(Operative shock)	4	1	3										
(Operative sepsis)	1		1										
Intussusception	6	2	4							1		1	
Volvulus	3	2	1										
110. Other diseases of the intestines (fecal fistula)	1		1										
Ischiorectal abscess (pyemia fol.)	1	1											
Dilatation colon	1		1										
Gangrene intestines	1	1											
111. Acute yellow atrophy of the liver	4	2	2										
112. Hydatid tumor of the liver	1		1										
113. Cirrhosis of the liver	130	91	39										
114. Biliary calculi	12	6	6										
(Operative shock)	2	1	1										
(Operative sepsis)	1		1										
115. Other diseases of the liver													
Abscess of	3	3											
Inflammation of	2	1	1										
Catarrhal jaundice	2	1	1										
Cholecystitis	8	6	2										
Empyema gall bladder	4	2	2										
116. Diseases of the spleen													
117. Simple peritonitis (nonpuerperal)													
118. Other diseases of digestive system (excepting cancer, tuberculosis)													
Hemorrhagic pancreatitis	6	3	3										

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																																	
1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da.		1 Da.		2 Da.		3 to 6 Da.		Total less than 1 Wk.	
				M	F	M	F	M	F	M	F	M	F
VI. Diseases of the Genito-Urinary System.													
119. Acute nephritis	61	41	20										
120. Bright's disease	679	413	266										
121. Chyluria													
122. Other diseases of the kidneys and adnexa—													
Abscess of	1	1											
Tumor of	1	1											
(Operative shock)	1		1										
Pyelitis	7	5	2										
Pyeloneprithis	6	4	2										
Pyonephrosis	13	10	3										
Staphylococcic infection of	1		1										
123. Calculi of the urinary passages	3	3											
124. Diseases of the bladder (cystitis, chronic)	3	2	1										
Cystitis, streptococcic septicemia	1		1										
Tumor of	1	1											
Septic infection of	1	1											
125. Diseases of the urethra, urinary abscess, etc. (recto-vesical fistula)	1	1											
126. Diseases of the prostate (hypertrophy of)	17	17											
(Operative shock)	3	3											
Abscess of	1	1											
Inflammation of (septicemia foll.)	1	1											
127. Nonvenereal diseases male genital organs													
128. Uterine hæmorrhage (nonpuerperal)													
129. Uterine tumor (noncancerous)													
Fibro-myoma of	10		1										
(Operative shock)	4		4										
130. Other diseases of the uterus—													
Prolapse of	1		1										
Endometritis	1		1										
Menopause	1		1										
Pelvic cellulitis	2		2										
Gangrene uterus	1		1										
131. Cysts and other tumors of the ovary (cyst)	7		7										
cyst (operative shock)	2		2										
132. Salpingitis and other diseases of female genital organs (salpingitis)	20		20										
133. Nonpuerperal diseases of the breast (cancer excepted)—													
Mastitis (septicemia following)	1		1								1		1
VII. The Peurperal State.													
134. Accidents of pregnancy—													
Abortion (spontaneous)	1		1										
Abortion (self-induced)	2		2										
Miscarriage	2		2										
Extra uterine pregnancy	5		5										
Pernicious vomiting	1		1										
Prolapse of uterus	1		1										
135. Puerperal hæmorrhage—													
Placenta previa	4		4										
Retained placenta	1		1										
Post-partum	1		1										
136. Other accidents of labor—													
Cesarian section	2		2										
Difficult labor	2		2										
Prolonged labor	1		1										

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks. but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
												2		3	1	1		6	1		1			1	1			7	3
																				1				1				2	
																				1								1	
														1				1										1	
															1				1										1
																					1								1
																								1				1	

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	F	1 Da. M	F	2 Da. M	F	3 to 6 Da. M	F	Total less than 1 Wk. M	F
	Rupture of uterus	3		3										
	Shock following childbirth	1		1										
137.	Puerperal septicæmia	6		6										
138.	Puerperal albuminuria and convulsions	18		18										
139.	Puerperal phlegmasia alba dolens, embolus, sudden death (embolism)	1		1										
140.	Following childbirth (not otherwise specified)	1		1										
141.	Puerperal diseases of the breast													
	VIII. Diseases of the Skin.													
142.	Gangrene of leg	2		2										
143.	Furuncle (pyemia following)	1	1											
	Carbuncle lip (septicemia foll.)	1	1											
144.	Acute abscess—													
	Of buttock	1	1											
	Multiple (pyemia foll.)	1	1											
	Streptococcic cellulitis	2	1	1										
145.	Other diseases of the skin and adnexa													
	Erythema (septicemia foll.)	1		1										
	Impetigo (septicemia foll.)	1		1										
	Pemphigus (neonatorum)	1		1										
	Ulcer leg (septicemia foll.)	1		1										
	IX. Diseases of the Bones.													
146.	Diseases of the bones (tuberculosis excepted)—													
	Mastoiditis	6	4	2										
	Mastoiditis (septicemia foll.)	3	3											
	Osteomyelitis, multiple	2	1	1										
	Osteomyelitis (septicemia foll.)	2	2											
147.	Diseases of the joints (excepting tuberculosis and rheumatism—													
	Abscess ankle (septicemia foll.)	1	1											
	Abscess knee (pyemia foll.)	1	1											
	Arthritis, chronic, multiple	1	1											
	Arthritis (septic)	1		1										
148.	Amputations													
149.	Other diseases of the organs of locomotion													
	X. Malformations.													
150[1]	Hydrocephalus	3	1	2										
150[2]	Congenital malformation of heart	32	15	17	4	3	1		2	3	4	5	11	11
150[3]	Other congenital malformations—													
	Imperforate anus	1	1								1		1	
	(Operative sepsis)	1		1										
	Cleft palate	1	1											
	Hemiacephalus	1		1		1								1
	Microcephalus	1		1										
	Pyloric stenosis	2	1	1										
	Spina bifida	3	1	2										
	Enlarged thymus	2	1	1										
	Defect vascular system	1	1		1								1	
	XI. Diseases of Early Infancy.													
151[1]	Premature birth	119	71	48	44	29	2	2	3	5	2	2	51	38
151[2]	Congenital debility, "atrophy," "marasmus," etc.	15	11	4	1					1	1		5	1
	Icterus neonatorum	1		1								1		1

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	Less than 1 Da. F	1 Da. M	1 Da. F	2 Da. M	2 Da. F	3 to 6 Da. M	3 to 6 Da. F	Total less than 1 Wk. M	Total less than 1 Wk. F
152[1] Other diseases peculiar to early infancy													
Difficult labor	3	2	1	1	1					1		2	1
Instrumental delivery	13	10	3	6	3					1		7	3
Rupture spleen	1		1		1								1
Strangulation, umbilical cord	1		1		1								1
152[2] Asphyxia neonatorum	4	2	2	2	2							2	2
Atelectasis neonatorum	27	14	13	5	3	1	1	2	3	3	3	11	10
Hemorrhagica neonatorum	11	4	7		1				1	2	5	2	7
Melena neonatorum	2	2						1		1		2	
Hemorrhage umbilical cord	4	3	1	2	1							2	1
Infection umbilical cord	3	2	1										
Septic pyelo-cystitis	1		1										
Suffocation (in bed clothes)	1		1										
153. Lack of care (exposure)	2	2			1							1	
XII. Old Age.													
154. Senility	67	35	32										
XIII. Affections Produced by External Causes.													
155. Suicide by poison—													
Arsenic	1	1											
Bi-chloride mercury	7	4	3										
Chloroform	3	2	1										
Cresol	1	1											
Cyanide of potassium	7	6	1										
Lysol	2	1	1										
Morphine	1	1											
Phenol	1		1										
Strychnine	5	5											
156. Suicide by asphyxia (illuminating gas)	70	48	22										
157. Suicide by hanging or strangulation	11	11											
158. Suicide by drowning	9	8	1										
159. Suicide by firearms	86	77	9										
160. Suicide by cutting or piercing instrument	11	11											
161. Suicide by jumping from a high place	8	2	6										
162. Suicide by crushing (under train)	1	1											
163. Other suicides													
164. Poisoning by food—													
Ptomaines (eating peanuts)	1		1										
165. Other acute poisonings—													
Alum (accidentally self-admin.)	1		1										
Belladonna (accidentally self-ad.)	1		1										
Chloroform (accidentally self-ad.)	1		1										
Cresol (accidentally self-admin.)	1		1										
Lysol (accidentally self-admin.)	1	1											
Opium (accidentally self-admin.)	1	1											
Potash (accidentally self-admin.)	1	1											
Strychnine (accidentally self-ad.)	1		1										
Unknown poison (accidentally self-administered)	1		1										
166. Conflagration (in burning building)	5	1	4										
167. Burns (conflagration excepted)—													
Accidental ignition clothing—													
From bonfire	1	1											
Playing with matches	3	1	2										
From lighted candle	2	1	1										
From lighted cigarette	1		1										
From spirit lamp	1		1										

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	2	1
....	....	1	....	1	....	9	3	1	....	....	....	....	....	....	....	....	....	10	3	....	....	....	....	....	....	....	....	10	3
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1
....	....	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	2	2	....	....	....	....	....	....	....	....	2	2
....	....	2	....	2	....	13	12	1	1	....	....	....	....	....	....	....	....	14	13	....	....	....	....	....	....	....	....	14	13
....	....	1	....	1	....	4	7	....	....	....	....	....	....	....	....	....	....	4	7	....	....	....	....	....	....	....	....	4	7
....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	2	....
....	....	....	....	....	....	2	1	....	....	1	....	....	....	....	....	....	....	3	1	....	....	....	....	....	....	....	....	3	1
....	....	1	1	....	....	1	1	1	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	2	1
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1
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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	F	1 Da. M	F	2 Da. M	F	3 to 6 Da. M	F	Total less than 1 Wk. M	F
	From gas stove	2		2										
	Lighting fire kerosene	1		1										
	Explosion kerosene stove	1	1											
	Burns from burning asphalt	1	1											
	From boiling paraffine	1		1										
	From escaping steam	1	1											
	From explosion distillate	1	1											
	From exploding gasoline	1	1											
	From scalding soup	1		1										
	From scalding tea	1	1											
	From scalding water	3	1	2										
168.	Absorption of deleterious gases (conflagration excepted)—													
	Illuminating gas (accidental)	82	66	16										
	Inhalation of smoke	1	1											
	Ether anesthesia	2	2											
	Nitrous oxide anesthesia	1		1										
	Inhalation chloroform fumes	1	1											
	Inhalation cyanide fumes	3	3											
169.	Accidental drowning (Bay)	38	38											
	Pacific ocean	4	3	1										
170.	Traumatism by firearms	8	7	1										
171.	Traumatism by cutting or piercing instruments—													
	By broken glass	1	1											
	Piercing abdomen	1	1											
172.	Traumatism by fall—													
	From baby carriage	1	1											
	Over balustrade	1	1											
	From bed	2		2										
	From bunker	1	1											
	From chair	5	1	4										
	From chimney	1	1											
	Over cliff	1	1											
	From derrick	2	2											
	From electric light pole	1	1											
	On floor	14	3	11										
	From high-chair	1	1											
	From ladder	4	4											
	On pavement	17	11	6										
	From plank	1	1											
	From platform	2	2											
	From R. R. trestle	1	1											
	From scaffold	9	9											
	From scaffold (defective)	1	1											
	Into hold of ship	2	2											
	Thru skylight	2	1	1										
	From sliding-board	1	1											
	From sliding-pole	1	1											
	Down stairs	17	14	3										
	From swinging rings	1	1											
	Fall against stove	1		1										
	From wall	1	1											
	From window	11	7	4										
	Nature unknown	3	2	1										
173.	Traumatism in mines and quarries—													
	Delayed shot in tunnel	3	3											
	Falling timber in tunnel	1	1											
	Fall in mine	1	1											
	Fracture spine in mine	1	1											
	By falling rock in quarry	1	1											

TABLE NO. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
																						1							1
																				1									1
																				1								1	
																				1	1							1	1
																										1		1	
																										1		1	

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	F	1 Da. M	F	2 Da. M	F	3 to 6 Da. M	F	Total less than 1 Wk. M	F
174. Traumatism by machines—													
Crushed by elevator	7	6	1										
Caught in gasoline engine	1	1											
Caught in gear-wheel	1	1											
Crushed by crank-shaft	1	1											
Struck by pulley-block	1	1											
Struck by traveling crane	2	2											
Recoil of car-spring	1	1											
Boiler explosion	1	1											
175[1] Railroad accidents and injuries—													
Run over by locomotive	2	2											
Struck by locomotive	2	2											
Fall from box-car	1	1											
Fall from moving train	1	1											
Run over by freight car	3	3											
Run over by train	5	5											
Crushed between freight cars	1	1											
Crushed by overturning freight car	1	1											
175[2] Street car accidents and injuries—													
Struck by cable car	1		1										
Fall from cable car	1		1										
Fall from electric car	2		2										
Run over by electric car	3	3											
Struck by electric car	23	22	1										
Crushed between electric cars	2	2											
Struck by falling car seat	1	1											
Collision bet. elec. car and wagon	1	1											
175[3] Automobile accidents and injuries—													
Run over by auto	11	11											
Struck by auto	53	38	15										
Crushed by overturning auto	2		2										
Hurled from auto	1		1										
Collision between autos	1	1											
Collision auto and buggy	1		1										
Collision auto and electric car	1		1										
Collision auto and train	1	1											
Collision auto with pole	2	1	1										
Collision auto with hydrant	1	1											
175[4] Injuries by other vehicles—													
Fall from bicycle	2	2											
Struck by motorcycle	2	2											
Crushed by overturning motorcycle	1	1											
Collision motorcycle with auto	1	1											
Run over by truck	8	6	2										
Run over by wagon	2	1	1										
Fall from wagon	7	7											
Thrown from wagon	3	3											
Struck by wagon	2	2											
Crushed between brake and wheel	1	1											
175[5] Landslides—other crushing—													
Crushed by caving earth	5	5											
Struck by falling freight	1	1											
Crushed by falling lumber	2	2											
Crushed by falling timber	7	7											
Crushed by lumber crates	1	1											
Crushing chest—manner unknown	1	1											
176. Injuries by animals—													
Kicked by bull	1	1											
Kicked by horse	1	1											
Fall from horse	1	1											
Struck by runaway horses	1	1											
177. Starvation													

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1916

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Less than 1 Da. M	By Less than 1 Da. F	By 1 Da. M	By 1 Da. F	By 2 Da. M	By 2 Da. F	By 3 to 6 Da. M	By 3 to 6 Da. F	By Total less than 1 Wk. M	By Total less than 1 Wk. F
178. Excessive cold													
179. Effects of heat													
180. Lightning													
181. Electricity (lightning excepted)—													
Accidental electrocution	4	4											
182. Homicide by firearms	32	21	12										
183. Homicide by cutting or piercing instruments	5	4	1										
184. Homicide by other means—													
By blows	5	5											
By blows (in fist fight)	2	2											
By strangulation	1		1										
By illuminating gas	4	1	3										
By bomb explosion	9	7	2										
By criminal abortion	3		3										
185. Fractures—													
Spine (dive while swimming)	2	2											
Skull (manner unknown)	3	3											
Tibia (manner unknown)	1	1											
186. Other injuries—													
Perforation chest (fall on picket fence)	1	1											
Traumatic cerebral hemorrhage (manner unknown)	1	1											
Explosion oxygen tank	2	2											
XIV. Ill-Defined Diseases.													
187. Ill-defined organic disease													
188. Sudden death													
189[1] Cause of death ill-defined													
189[2] Cause of death not specified, or unknown—													
Decomposed remains	4	4											

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages

1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
																				1									1
															1				1			1					1	1	2

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
DEATHS FROM ALL CAUSES.	77	53	41	34	60	36	143	74	186	108	268	119	301	165
I. General Diseases	36	27	15	17	24	21	65	26	82	44	96	41	128	56
II. Diseases of Nervous System	3	4	....	1	2	1	5	2	6	1	11	3	6	9
III. Diseases of Circulatory System	4	2	7	3	4	5	10	2	12	5	25	12	18	13
IV. Diseases of Respiratory System	11	9	2	4	8	1	7	8	20	6	30	14	35	18
V. Diseases of the Digestive System	6	2	6	4	4	3	7	8	8	11	30	11	25	12
VI. Diseases of Genito-Urinary System	3	3	1	2	3	3	7	6	11	16	11	16	26	24
VII. The Puerperal State	....	....	....	....	....	1	....	9	....	12	....	12	....	17
VIII. Diseases of the Skin	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IX. Diseases of the Bones	1	....	1	1	2	....	....	1	1	....	....	....	1	....
X. Malformations	....	....	....	....	....	....	....	....	....	....	....	....	....	....
XI. Diseases of Early Infancy	....	....	....	....	....	....	....	....	....	....	....	....	....	....
XII. Old Age	....	....	....	....	....	....	....	....	....	....	....	....	....	....
XIII. Affections Produced by External Causes	13	6	9	2	1	1	42	12	46	13	65	10	61	16
XIV. Ill-Defined Diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1. General Diseases.														
1. Typhoid fever	....	....	1	1	1	1	2	2	....	....	1	1	2	....
2. Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Relapsing fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Malaria	....	....	....	....	....	....	....	....	....	....	1	....	....	....
5. Smallpox	1	....	....	1	....	....	....	....	1	....	....	....	1	....
6. Measles	1	3	....	....	2	....	....	....	1	....	....	....	....	....
7. Scarlet fever	....	....	2	1	....	....	1	....	....	....	....	....	....	....
8. Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9. Diphtheria	19	16	7	5	1	....	....	....	....	1	....	....	1	....
10. Influenza	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11. Miliary fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Cholera Nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14. Dysentery	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15. Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....
16. Yellow fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Leprosy	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18. Erysipelas	1	....	....	....	....	....	....	....	....	....	....	....	1	1
19. Other epidemic diseases—														
Mumps	....	....	....	....	....	....	....	1	....	....	....	....	....	....
20. Purulent infection and septicæmia—														
Following infection axilla	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Following infection hand	....	....	....	....	1	....	....	....	....	....	....	....	1	....
Following fracture of toe	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Following abrasion of heel	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Streptococcus septicæmia	....	....	....	....	....	....	1	....	....	....	....	....	....	....
Pyemia—														
Following infection of finger	....	....	....	....	....	....	....	....	....	....	....	....	1	....
Following pus absorption	....	....	....	....	....	....	....	....	....	....	....	....	....	....
21. Glanders	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22. Anthrax	....	....	....	....	....	....	....	....	....	....	....	....	....	....
23. Rabies	....	....	....	....	....	....	....	....	....	....	....	....	....	....
24. Tetanus—														
Following vaccination	....	1	....	....	....	....	....	....	....	....	....	....	....	....
25. Mycoses (Actinomycosis)	....	....	....	....	....	....	....	....	....	....	....	1	....	....
26. Pellagra	....	....	....	....	....	....	....	....	....	....	....	....	....	....
27. Beriberi	....	....	....	....	....	....	....	....	....	....	....	....	....	....
28. Tuberculosis of the lungs	3	1	1	2	11	13	46	19	66	31	66	22	86	31
29. Acute miliary tuberculosis	2	....	1	....	1	....	2	1	2	1	....	....	2	....
30. Tuberculous meningitis	2	3	1	1	2	1	....	....	....	1	1	1	1	....
31. Abdominal tuberculosis (intestinal)	....	....	....	....	....	....	....	....	....	....	1	1	1	....
Peritoneal	....	....	....	....	....	....	....	1	....	....	....	....	1	....

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																									
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
355	148	396	175	428	201	394	209	394	187	321	203	311	214	222	206	142	139	69	70	22	24	3	4	....	1	6	....
148	41	129	67	131	75	115	76	105	53	86	44	51	35	39	18	8	16	5	9	1	1	....	1	....	....	1	....
14	14	28	15	14	24	35	30	31	25	30	26	35	36	20	27	16	12	8	6	3	....	....	....	....	....	....	....
34	25	52	25	74	34	74	33	87	45	74	59	98	68	72	80	53	53	24	30	8	14	2	1	....	1	1	....
40	10	47	9	52	16	37	12	44	16	42	20	34	27	30	27	20	16	14	7	7	1	....	....	....	....	....	....
24	12	33	14	25	9	29	15	17	8	20	10	10	6	5	13	3	5	3	....	....	1	1	....	....	....	....	....
22	26	41	34	63	28	60	32	63	27	49	37	60	31	40	25	26	18	7	10	....	3	....	....	....	....	....	....
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	1	2	....	1	....	....	1	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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72	17	64	9	66	15	41	11	47	10	19	7	18	6	6	8	6	9	....	3	....	2	....	1	....	....	4	....
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2	1	1	....	2	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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90	9	68	17	61	14	49	6	31	3	24	....	11	....	5	....	....	....	....	....	1	....	....	....	....	....	1	....
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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
32.	Pott's disease—														
	(Tuberculosis spine)			1											
	(Operative shock)														
	Septicæmia following														
33.	White swellings—														
	Tuberculosis hip	1													
	Arthritis knee														
	(Operative shock)							1							
34.	Tuberculosis of other organs—														
	Of Cervical lmph glands														
	Of kidney						1	2		1				1	
	(Operative shock)														
	Of sternum														
	Lupus														
35.	Disseminated tuberculosis														
36.	Rickets														
37.	Syphilis (congenital)	1				1									
	Syphilis (acquired)							1		4	1	2	4	6	4
38.	Gonococcus infection														
39.	Cancer of the buccal cavity—														
	Lip													1	
	Lip (operative shock)														
	Maxilla (jaw)														
	Tongue													1	
	Tonsil														
	Sarcoma of tonsil									1					
40[1]	Cancer of the stomach										2	9	2	3	1
	(Operative shock)														
	Sarcoma of stomach									1					1
40[2]	Cancer of the liver											1		4	1
	(Operative shock)														
41[1]	Cancer of the peritonæum, intestines—														
	Of Intestines													1	1
	Of intestines (operative shock)														
	Sarcoma of intestines									1	1	1		1	
41[2]	Cancer of rectum							1				1		2	1
	(Operative shock)														
42.	Cancer of the female genital organs—														
	Of uterus										2		3		5
	Uterus (operative shock)														
	Of ovary														
	Of vulva														
43.	Cancer of the breast														5
	Sarcoma of breast														
44.	Cancer of the skin—														
	Of ear														
	Of face														
	Of nose														
	Sarcoma of face				1										
45.	Cancer of other or unspecified organs														
	Bladder (urinary)														
	Bladder (urinary) operative shock														
	Brain														
	Eye														
	Inguinal glands											1			
	Kidney	1													
	Larynx														
	Lung											1			
	Mediastinum														
	Neck									1					
	Penis														
	Pharynx														
	Pleura														
	Prostate														

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																																					
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1																																					
			1																																		
	1																																				
						1																															

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Spine														2
	Testicle													1	
	Thigh														
	Thyreoid														
	Sarcoma of arm														
	Of brain					1							1		
	Of hand														
	Of eye														
	Of femur														
	Of hip														
	Of iliac glands		1												
	Of kidney														
	Of lung														
	Of Mediastinum							1							
	Of neck														
	Of mentum											1			
	Of testicle													1	
	Of thigh														1
46.	Other tumors (except of female genital organs) of Mediastinum														
47.	Acute articular rheumatism	2	1		4		2	1		1			1	1	
48.	Chronic rheumatism and gout														
49.	Scurvy					1									
50.	Diabetes			1		2	2	3			1	1		2	1
51.	Exophthalmic goitre								1				1		
52.	Addison's disease														
53.	Leukæmia	2						1	1			1	2	1	
54.	Anæmia, chlorosis		1				1	1			2	2			
55.	Other general diseases														
56.	Alcoholism (acute or chronic)							1		2	1	5	1	4	1
57.	Chronic lead poisoning														
58.	Other chronic occupation poisonings														
59.	Other chronic poisonings—														
	Opium														
	Morphinism, chronic														
II.	**Diseases of the Nervous System.**														
60.	Encephalitis														
61[1]	Simple meningitis (cerebral)							1				1			
	(Spinal)														
	(Pneumococcic)														
	(Streptococcic)									1		1			
61[2]	Cerebrospinal meningitis										1	1			
61[3]	Epidemic cerebrospinal meningitis		1			1		1		1					
62.	Locomotor ataxia														3
63.	Other diseases of the spinal cord—														
	Bulbar paralysis														
	Paralysis agitans														
	Infantile paralysis														
	Spastic paralysis		1												
	Spastic paraplegia (oper. sepsis)		1												
	Transverse myelitis														
	Multiple sclerosis									1		1			
	Sclerosis of the brain														
	Tumor of spinal cord														
64.	Cerebral hæmorrhage, apoplexy									2		2	3	4	6
65.	Softening of the brain														
66.	Paralysis without specified cause														
	Hemiplegia														
67.	General paralysis of the insane														
68.	Other forms of mental alienation														
69.	Epilepsy	1						1		1		1			
70.	Convulsions (nonpuerperal)														

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																																					
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
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6	2	5	2	1	4	6	1	7	8	4	5	7	7	3	6		4		2																		
	1		2		1						1																										
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3	3	1	3		2	2	3	1	1	2	1	1	2		1	1	1		1																		
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1		2	1	1	1			2					1				1																					

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
71. Convulsions of infants														
72. Chorea	1													
73. Neuralgia and neuritis (neuritis)														
74. Other diseases of the nervous system														
Abscess of brain							1				1			
Tumor of brain	1	1		1		1		1			3		1	
Anemia of brain														
75. Diseases of the eyes and their adnexa														
76. Diseases of the ears—														
Otitis media					1		1	1					1	
III. Diseases of the Circulatory System.														
77. Pericarditis		1	1					1			1	1	2	
78. Acute endocarditis	3		1	2	1	1	3		2		6	3	3	
79. Organic diseases of the heart—														
(1) Valvular			3	1	1	3	5	1	7	4	10	7	7	5
(2) Endocarditis, chronic			1		2		2		3	1	4	1	3	3
(3) Fatty heart											1			
(4) Myocarditis, chronic													1	
80. Angina pectoris													1	
81. Diseases of arteries, atheroma, aneurysm, etc.—														
(1) Aneurism of aorta						1					1		1	
(2) Arterio-sclerosis														1
82. Embolism and thrombosis														3
83. Diseases of veins—														
Hæmorrhoids											1			
Phlebitis														1
Phlebitis (septicemia following)		1												
84. Diseases of lymphatic system—														
Enlarged thymus (oper. shock)			1											
Lymphangitis (septic from ulcerated tooth)											1			
Status lymphaticus	1													
Status thymicus (septic)														
85. Hæmorrhage (other diseases of circulatory system)														
IV. Diseases of the Respiratory System.														
86. Diseases of the nasal fossæ														
87. Diseases of the larynx—														
Acute laryngitis														
Tumor of larynx							1							
Edema of glottis											1	1		
Spasm of glottis														
88. Diseases of the thyreoid body—														
Thyreoidism											1			
Myxedema														
89. Acute bronchitis	1													
90. Chronic bronchitis													2	
91. Bronchopneumonia	3			1	2		2	1	8	1	7	2	7	2
92. Lobar pneumonia	6	3	2	2	6	1	4	6	8	5	16	9	24	13
93. Pleurisy	1	1		1				1	3		3	1	2	2
94. Pulmonary congestion											1	1		
Hypostatic pneumonia														1
95. Gangrene of the lung											1			
96. Asthma														
97. Pulmonary emphysema														
98. Other diseases respiratory system (tuberculosis excepted)														
Abscess of lungs									1					

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																																			
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown									
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
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	3	1				1		2	1		1																								
17	12	27	18	42	22	41	23	42	29	17	15	21	19	16	18	9	15	8	5	2	1														
7	3	9	3	12	2	13	4	14	4	20	10	8	4	3	9	1	7	1	4	2	1														
1	1	1	1	1	2	1		1		2	2		1	1	2		2		1		1														
2	2	1	1	4	3	7	1	16	5	24	22	48	31	38	35	35	20	11	9	3	7	2	1												
1	2	3		5	3	3		3	2	3	4	5	3	2	2	1	2	2																	
4	1	8	1	7	1	4	1	3		3		2	1	1																					
	1		1	1	1	1		5	2	2	4	11	8	10	10	6	7	2	9	1	1					1	1								
1		1		1		2			2	1	1	3	1	1	3	1			2																
							1								1																					

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
V. Diseases of the Digestive System.														
99. Diseases of the mouth and adnexa—														
Stomatitis (septicæmia following)														
100. Diseases of the pharynx—														
Tonsillitis (streptococcic infection)				1				1						
Abscess tonsil (septicæmia foll.)											1			
Phlegmonous pharyngitis											1			
Ludwig's angina													1	
101. Diseases of the œsophagus														
102. Ulcer of the stomach										2	4		2	1
103. Other diseases of stomach (cancer excepted)—														
Chronic gastritis		1												
Dilatation stomach														
Foreign body in stomach														
104. Diarrhœa and enteritis (under 2 yrs.)														
Cholera infantum														
Diarrhea														
Enteritis														
Entero-colitis														
Gastro-enteritis														
Ileo-colitis														
105. Diarrhœa and enteritis (2 years and over)—														
Enteritis	1													
Entero-colitis														
Gastro-enteritis													1	
Duodenal ulcer							1		1	1	1		2	2
106. Ankylostomiasis														
107. Intestinal parasites														
108. Appendicitis	4		5	2	3	2	6	3	6	3	9	1	6	2
(Operative shock)									1	1			1	
(Operative sepsis)														
109[1] Hernias				1							1	1	1	
(Operative shock)														
109[2] Intestinal obstructions	1	1	1		1			2		3	1		3	
(Operative shock)								1				1		
(Operative sepsis)														
Intussusception														
Volvulus														
110. Other diseases of the intestines (fecal fistula)							1							
Ischiorectal abscess (pyemia fol.)														
Dilatation colon														
Gangrene intestines													1	
111. Acute yellow atrophy of the liver								1		1	1			
112. Hydatid tumor of the liver														
113. Cirrhosis of the liver											9	4	6	5
114. Biliary calculi											1	1		
(Operative shock)														1
(Operative sepsis)														
115. Other diseases of the liver														
Abscess of													1	
Inflammation of														
Catarrhal jaundice														
Cholecystitis											1			1
Empyema gall bladder												1		
116. Diseases of the spleen														
117. Simple peritonitis (nonpuerperal)														
118. Other diseases of digestive system (excepting cancer, tuberculosis)														
Hemorrhagic pancreatitis												2		

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																															
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
											1																				
4	1	4	1	6	1	4	2		1		1				2																
				1				1					1		1	1	2														
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								1		1			1					2													
1		2		1		1		1		1		1																			
6	2	5		1	3	2		1	1	2	1	1	1	1				1												
				1																											
2	1	1					2	1	1	1	1				3																
						1				1																					
	2	2	4	1	1	1	1				1		1		2	1	1														
			1			1																									
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							1																								
10	4	10	7	12	2	16	6	7	3	12	3	4	1	4	4	1														
		2				1	1	1	1	1	1						1					1									
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		1																													
	1																														
		1	1	1		1						1														1					
						1						1					1														
		1		1			1	1																							

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
VI. Diseases of the Genito-Urinary System.														
119. Acute nephritis	2	2	1				1		2			1	6	3
120. Bright's disease	1			2	3	2	5	4	8	7	8	7	18	13
121. Chyluria														
122. Other diseases of the kidneys and adnexa—														
Abscess of														
Tumor of											1			
(Operative shock)														
Pyelitis													1	
Pyeloneprithis							1		1					
Pyonephrosis											2		1	
Staphylococcic infection of														
123. Calculi of the urinary passages														
124. Diseases of the bladder (cystitis, chronic)														
Cystitis, streptococcic septicemia		1												
Tumor of														
Septic infection of														
125. Diseases of the urethra, urinary abscess, etc. (recto-vesical fistula)														
126. Diseases of the prostate (hypertrophy of)														
(Operative shock)														
Abscess of														
Inflammation of (septicemia foll.)														
127. Nonvenereal diseases male genital organs														
128. Uterine hæmorrhage (nonpuerperal)														
129. Uterine tumor (noncancerous)														
Fibro-myoma of									1		2		1	
(Operative shock)											1		1	
130. Other diseases of the uterus—														
Prolapse of														
Endometritis							1							
Menopause														
Pelvic cellulitis									1		1			
Gangrene uterus									1					
131. Cysts and other tumors of the ovary (cyst)							1		1					
cyst (operative shock)									1					
132. Salpingitis and other diseases of female genital organs (salpingitis)					1				4		4		6	
133. Nonpuerperal diseases of the breast (cancer excepted)—														
Mastitis (septicemia following)														
VII. The Peurperal State.														
134. Accidents of pregnancy—														
Abortion (spontaneous)														1
Abortion (self-induced)					1		1							
Miscarriage							1							1
Extra uterine pregnancy									2		1			2
Pernicious vomiting											1			
Prolapse of uterus														1
135. Puerperal hæmorrhage—														
Placenta previa							1				1		1	
Retained placenta													1	
Post-partum							1							
136. Other accidents of labor—														
Cesarian section							1							1
Difficult labor											1			1
Prolonged labor											1			

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																									
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	1	5	3	4	1	5	2	2	1	1	....	1	1	3	1	....	1	....	....	....	....	....	....	....	....	....	....
21	17	34	25	53	24	49	27	58	24	43	35	51	28	30	23	24	15	5	10	....	3	....	....	....	....	....	....
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....	1	1	....	....	....	2	1	....	....	1	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....
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....	....	....	....	2	....	1	....	2	....	3	....	5	....	1	....	1	....	2	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Rupture of uterus														3
	Shock following childbirth														1
137.	Puerperal septicæmia								1		1		3		
138.	Puerperal albuminuria and convulsions								3		9		3		3
139.	Puerperal phlegmasia alba dolens, embolus, sudden death (embolism)														1
140.	Following childbirth (not otherwise specified)												1		
141.	Puerperal diseases of the breast														
	VIII. Diseases of the Skin.														
142.	Gangrene of leg														
143.	Furuncle (pyemia following)														
	Carbuncle lip (septicemia foll.)														
144.	Acute abscess—														
	Of buttock														
	Multiple (pyemia foll.)														
	Streptococcic cellulitis														
145.	Other diseases of the skin and adnexa														
	Erythema (septicemia foll.)														
	Impetigo (septicemia foll.)														
	Pemphigus (neonatorum)														
	Ulcer leg (septicemia foll.)														
	IX. Diseases of the Bones.														
146.	Diseases of the bones (tuberculosis excepted)—														
	Mastoiditis			1											
	Mastoiditis (septicemia foll.)					1									
	Osteomyelitis, multiple					1		1							
	Osteomyelitis (septicemia foll.)	1													
147.	Diseases of the joints (excepting tuberculosis and rheumatism—														
	Abscess ankle (septicemia foll.)														
	Abscess knee (pyemia foll.)													1	
	Arthritis, chronic, multiple									1					
	Arthritis (septic)				1										
148.	Amputations														
149.	Other diseases of the organs of locomotion														
	X. Malformations.														
150[1]	Hydrocephalus														
150[2]	Congenital malformation of heart														
150[3]	Other congenital malformations—														
	Imperforate anus														
	(Operative sepsis)														
	Cleft palate														
	Hemiacephalus														
	Microcephalus														
	Pyloric stenosis														
	Spina bifida														
	Enlarged thymus														
	Defect vascular system														
	XI. Diseases of Early Infancy.														
151[1]	Premature birth														
151[2]	Congenital debility, "atrophy," "marasmus," etc.														
	Icterus neonatorum														

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																																					
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	1																																				
				1					1				1																									
				1																																	
							1																															
	1												1																									
			1																																			
1			1																																			
		1																																				
		1																																				

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
152[1] Other diseases peculiar to early infancy														
Difficult labor														
Instrumental delivery														
Rupture spleen														
Strangulation, umbilical cord														
152[2] Asphyxia neonatorum														
Atelectasis neonatorum														
Hemorrhagica neonatorum														
Melena neonatorum														
Hemorrhage umbilical cord														
Infection umbilical cord														
Septic pyelo-cystitis														
Suffocation (in bed clothes)														
153. Lack of care (exposure)														
XII. Old Age.														
154. Senility														
XIII. Affections Produced by External Causes.														
155. Suicide by poison—														
Arsenic														
Bi-chloride mercury									1				2	1
Chloroform							1	1						
Cresol														
Cyanide of potassium							1				1		1	
Lysol							1					1		
Morphine														
Phenol														1
Strychnine									1					
156. Suicide by asphyxia (illuminating gas)							4	2	3	3	6	1	2	1
157. Suicide by hanging or strangulation									1		2		3	
158. Suicide by drowning							2				1		1	
159. Suicide by firearms							3		8	1	7	2	6	3
160. Suicide by cutting or piercing instrument									1		3		2	
161. Suicide by jumping from a high place										1		1		1
162. Suicide by crushing (under train)													1	
163. Other suicides														
164. Poisoning by food—														
Ptomaines (eating peanuts)														
165. Other acute poisonings—														
Alum (accidentally self-admin.)														
Belladonna (accidentally self-ad.)														
Chloroform (accidentally self-ad.)												1		
Cresol (accidentally self-admin.)										1				
Lysol (accidentally self-admin.)														
Opium (accidentally self-admin.)														
Potash (accidentally self-admin.)														
Strychnine (accidentally self-ad.)														
Unknown poison (accidentally self-administered)										1				
166. Conflagration (in burning building)								2				1		
167. Burns (conflagration excepted)—														
Accidental ignition clothing—														
From bonfire														
Playing with matches		1												
From lighted candle									1					
From lighted cigarette														1
From spirit lamp														

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																															
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
	From gas stove								1						
	Lighting fire kerosene														
	Explosion kerosene stove														
	Burns from burning asphalt														
	From boiling paraffine														
	From escaping steam											1			
	From explosion distillate							1							
	From exploding gasoline														
	From scalding soup														
	From scalding tea														
	From scalding water		1												
168.	Absorption of deleterious gases (conflagration excepted)—														
	Illuminating gas (accidental)							6		4	1	4	2	3	1
	Inhalation of smoke									1					
	Ether anesthesia						1								
	Nitrous oxide anesthesia														
	Inhalation chloroform fumes					1		1				1			
	Inhalation cyanide fumes														
169.	Accidental drowning (Bay)			2				5				2		2	
	Pacific ocean														
170.	Traumatism by firearms			1		1		3	1					1	
171.	Traumatism by cutting or piercing instruments—														
	By broken glass											1			
	Piercing abdomen									1					
172.	Traumatism by fall—														
	From baby carriage														
	Over balustrade														
	From bed														
	From bunker														
	From chair														
	From chimney											1			
	Over cliff							1							
	From derrick											2			
	From electric light pole													1	
	On floor											1			
	From high-chair														
	From ladder														
	On pavement							1	1			2		1	
	From plank														
	From platform														
	From R. R. trestle														
	From scaffold					1						2		3	
	From scaffold (defective)									1					
	Into hold of ship														
	Thru skylight														
	From sliding-board	1													
	From sliding-pole													1	
	Down stairs											1			1
	From swinging rings					1									
	Fall against stove														
	From wall														
	From window				1			1		1		2			
	Nature unknown								1						
173.	Traumatism in mines and quarries—														
	Delayed shot in tunnel									1		1		1	
	Falling timber in tunnel									1					
	Fall in mine											1			
	Fracture spine in mine									1					
	By falling rock in quarry									1					

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																															
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
					1						1																				
		1																													
1																															
1																															
8	2	11	1	9	2	3	3	11	1	1		5	2	1			1														
								1																							
		1																													
1																															
7		8		8		2				2																					
		1						1	1																						
										1							2														
		1																													
			1						1							1	1			1											
		1				1			1						3		3				2		1								
						2		1		1																					
1				3	1		1	1	1	1	1	1					1														
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		1				2																									
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		1																													
	1	1		3		3		1				1		1		2	1														
									1																						
				1																											
				2	1						1																				
1				1																											

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
174. Traumatism by machines—														
Crushed by elevator					1		1		1		1			
Caught in gasoline engine														
Caught in gear-wheel													1	
Crushed by crank-shaft													1	
Struck by pulley-block														
Struck by traveling crane											1			
Recoil of car-spring											1			
Boiler explosion											1			
175[1] Railroad accidents and injuries—														
Run over by locomotive													1	
Struck by locomotive									1					
Fall from box-car														
Fall from moving train													1	
Run over by freight car									1		1		1	
Run over by train													1	
Crushed between freight cars							1							
Crushed by overturning freight car									1					
175[2] Street car accidents and injuries—														
Struck by cable car														
Fall from cable car		1												
Fall from electric car														
Run over by electric car	1						1						1	
Struck by electric car									3		1		1	
Crushed between electric cars														
Struck by falling car seat														
Collision bet. elec. car and wagon														
175[3] Automobile accidents and injuries—														
Run over by auto	1		3						2				2	
Struck by auto	5	1	1	1			1		2		3		4	1
Crushed by overturning auto														
Hurled from auto														
Collision between autos														
Collision auto and buggy														
Collision auto and electric car														1
Collision auto and train											1			
Collision auto with pole											1			
Collision auto with hydrant											1			
175[4] Injuries by other vehicles—														
Fall from bicycle					2									
Struck by motorcycle	1													
Crushed by overturning motorcycle														
Collision motorcycle with auto					1									
Run over by truck	2	1	1								1			
Run over by wagon														
Fall from wagon	1				1						1		1	
Thrown from wagon											2			
Struck by wagon														
Crushed between brake and wheel	1													
175[5] Landslides—other crushing—														
Crushed by caving earth							1				1			
Struck by falling freight														
Crushed by falling lumber			1								1			
Crushed by falling timber							1		2					
Crushed by lumber crates													1	
Crushing chest—manner unknown														
176. Injuries by animals—														
Kicked by bull														
Kicked by horse													1	
Fall from horse													1	
Struck by runaway horses														
177. Starvation														

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																																			
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown									
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
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2						1		1																											
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					1																1														
6		2		1		2		2		1		3																							
1		1																																	
				1																															
				1		1																													
1		8		2	1	3	2	4	1	1	3	1	1		3	1																			
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1		1				1																													
1																																			
2		1				1																													
																1																				
								1																												
								1																												

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)		By 5 to 9 Yrs.		10 to 14 Yrs.		15 to 19 Yrs.		20 to 24 Yrs.		25 to 29 Yrs.		30 to 34 Yrs.		35 to 39 Yrs.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
178.	Excessive cold														
179.	Effects of heat														
180.	Lightning														
181.	Electricity (lightning excepted)—														
	Accidental electrocution									1				1	
182.	Homicide by firearms					2		2	3	2	2	2		5	2
183.	Homicide by cutting or piercing instruments							2		1		1	1		
184.	Homicide by other means—														
	By blows													2	
	By blows (in fist fight)														
	By strangulation												8		
	By illuminating gas	1													
	By bomb explosion							1				1		1	2
	By criminal abortion										2				
185.	Fractures—														
	Spine (dive while swimming)					1				1					
	Skull (manner unknown)									1				2	
	Tibia (manner unknown)														
186.	Other injuries—														
	Perforation chest (fall on picket fence)					1									
	Traumatic cerebral hemorrhage (manner unknown)														
	Explosion oxygen tank											1		1	
	XIV. Ill-Defined Diseases.														
187.	Ill-defined organic disease														
188.	Sudden death														
189[1]	Cause of death ill-defined														
189[2]	Cause of death not specified, or unknown—														
	Decomposed remains													1	

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Ages																													
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Unknown	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
2																													
1	3	1		3	1	2		1																					
1		1								1																			
1										1																			
	1																												
1		2				1																							
	1																												
										1																			
						1																							
				1		2																							

TABLE No. III.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	7294	4580	2714	1954	710	1726	972	602	967
I. General Diseases	2118	1375	743	718	229	490	315	118	181
II. Diseases of Nervous System	528	283	245	71	33	150	92	46	116
III. Diseases of Circulatory System	1250	739	511	202	51	320	149	163	306
IV. Diseases of Respiratory System	867	570	297	260	107	182	76	88	109
V. Diseases of the Digestive System	490	298	192	137	94	120	72	27	40
VI. Diseases of Genito-Urinary System	852	505	347	143	44	253	150	91	141
VII. The Puerperal State	53	.....	53	.....	.....	.....	53	.....	.....
VIII. Diseases of the Skin	12	5	7	2	4	2	2	1	1
IX. Diseases of the Bones	17	13	4	10	3	3	1	.....	.....
X. Malformations	48	22	26	22	26	.....	.....	.....	.....
XI. Diseases of Early Infancy	208	123	85	123	85	.....	.....	.....	.....
XII. Old Age	67	35	32	5	6	7	1	21	24
XIII. Affections Produced by External Causes	780	608	172	257	48	199	61	47	49
XIV. Ill-Defined Diseases	4	4	.....	4	.....	.....	.....	.....	.....
1. General Diseases.									
1. Typhoid fever	20	13	7	5	4	6	3	1	.....
2. Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Relapsing fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Malaria	2	1	1	.....	1	.....	.....	1	.....
5. Smallpox	7	3	4	1	4	2	.....	.....	.....
6. Measles	38	24	14	24	14	.....	.....	.....	.....
7. Scarlet fever	8	7	1	7	1	.....	.....	.....	.....
8. Whooping cough	16	7	9	7	9	.....	.....	.....	.....
9. Diphtheria	98	56	42	55	40	.....	2	.....	.....
10. Influenza	9	4	5	.....	.....	3	.....	1	5
11. Miliary fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Asiatic cholera	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Cholera Nostras	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Dysentery	2	2	.....	1	.....	1	.....	.....	.....
15. Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Yellow fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Leprosy	1	1	.....	1	.....	.....	.....	.....	.....
18. Erysipelas	14	9	5	4	1	4	2	1	2
19. Other epidemic diseases—									
Mumps	1	.....	1	.....	1	.....	.....	.....	.....
20. Purulent infection and septicæmia—									
Following infection axilla	1	1	.....	.....	.....	1	.....	.....	.....
Following infection hand	4	3	1	2	.....	.....	1	1	.....
Following fracture of toe	1	1	.....	.....	.....	1	.....	.....	.....
Following abrasion of heel	1	.....	1	.....	1	.....	.....	.....	.....
Streptococcus septicæmia	2	2	.....	1	.....	1	.....	.....	.....
Pyemia—									
Following infection of finger	1	1	.....	.....	.....	1	.....	.....	.....
Following pus absorption	1	1	.....	.....	.....	1	.....	.....	.....
21. Glanders	.....	.....	.....	.....	.....	.....	.....	.....	.....
22. Anthrax	.....	.....	.....	.....	.....	.....	.....	.....	.....
23. Rabies	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Tetanus—									
Following vaccination	1	.....	1	.....	1	.....	.....	.....	.....
25. Mycoses (Actinomycosis)	1	.....	1	.....	1	.....	.....	.....	.....
26. Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....
27. Beriberi	.....	.....	.....	.....	.....	.....	.....	.....	.....
28. Tuberculosis of the lungs	795	624	171	364	57	197	86	45	22
29. Acute miliary tuberculosis	19	15	4	12	3	2	1	.....	.....
30. Tuberculous meningitis	50	33	17	31	14	2	3	.....	.....
31. Abdominal tuberculosis (intestinal)	7	6	1	5	.....	1	1	.....	.....
Peritoneal	5	4	1	1	1	3	.....	.....	.....

TABLE NO. III

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
74	46	224	19	4261	2639	46	23	230	30	43	22	649	520	556	380	985	650	2208	1142	182	22
18	15	31	3	1232	720	17	6	109	12	17	5	183	154	244	146	294	178	633	262	21	3
6	3	10	1	273	242	....	2	9	1	1	....	26	25	24	34	77	66	147	119	10	1
14	2	40	3	703	505	4	2	32	4	....	....	34	24	60	32	192	132	426	320	27	3
9	2	31	3	527	287	10	3	2	3	2	4	101	82	63	43	127	55	258	114	21	3
4	5	10	1	274	185	1	2	18	5	5	....	56	55	47	35	54	44	135	56	6	2
6	11	12	1	475	342	4	4	23	....	3	1	36	34	47	43	135	104	276	164	11	2
....	....	....	....	....	50	....	....	....	1	....	2	....	8	....	9	....	13	....	23	....	....
....	....	....	....	4	7	....	....	1	....	....	....	....	2	....	2	1	2	4	1	....	....
....	....	....	....	13	4	....	....	....	....	....	....	6	1	3	3	2	....	2	....	....	....
....	....	....	....	18	25	....	....	2	....	2	1	19	24	2	2	1	....	....	....	....	....
....	....	....	....	119	77	....	1	....	3	4	4	115	84	8	1	....	....	....	....	....	....
1	1	1	....	34	31	1	....	....	1	....	....	....	....	....	....	8	11	26	21	1	....
16	7	89	7	575	164	9	3	15	....	9	5	73	27	58	30	94	45	298	62	85	8
....	....	....	....	4	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....
1	....	....	....	12	6	....	....	....	1	1	....	2	2	5	1	....	4	6	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	1	....	....	....	....	....
....	....	....	....	3	4	....	....	....	....	....	....	1	2	....	2	....	....	2	....	....	....
....	....	....	....	24	14	....	....	....	....	....	....	18	12	3	2	3	....	....	....	....	....
....	....	....	....	7	1	....	....	....	....	....	....	4	....	2	....	1	1	....	....	....	....
....	....	....	....	7	9	....	....	....	....	....	....	6	9	....	....	1	....	....	....	....	....
....	....	1	....	51	42	....	....	4	....	1	....	30	23	16	13	6	2	4	4	....	....
....	....	....	....	4	5	....	....	....	....	....	....	1	....	....	....	1	2	2	3	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
....	....	....	....	8	5	....	....	....	....	1	....	1	1	2	1	2	1	3	2	1	....
....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
....	....	....	....	3	1	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	....
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
....	....	....	....	2	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	5	16	1	534	160	14	3	72	5	4	3	55	40	135	43	123	42	300	46	11	....
....	....	1	....	13	4	....	....	1	....	1	....	6	2	2	1	1	....	6	1	....	....
....	....	....	....	28	13	....	1	1	2	4	1	17	10	11	4	3	1	2	2	....	....
....	....	....	....	6	1	....	....	....	....	....	....	2	....	....	....	2	....	2	1	....	....
....	....	....	....	3	1	....	....	1	....	....	....	....	....	1	1	....	....	3	....	....	....

TABLE No. III—Continued

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
32.	Pott's disease—									
	(Tuberculosis spine)	3	3		2		1			
	(Operative shock)	2		2		1		1		
	Septicæmia following	1		1				1		
33.	White swellings—									
	Tuberculosis hip	1	1		1					
	Arthritis knee	1		1				1		
	(Operative shock)	1	1		1					
34.	Tuberculosis of other organs—									
	Of Cervical lmph glands	1	1		1					
	Of kidney	7	6	1	2	1	4			
	(Operative shock)	1	1		1					
	Of sternum	1	1		1					
	Lupus	1		1				1		
35.	Disseminated tuberculosis	3	3		3					
36.	Rickets	1	1		1					
37.	Syphilis (congenital)	21	10	11	10	11				
	Syphilis (acquired)	72	55	17	23	2	21	9	4	6
38.	Gonococcus infection	1		1				1		
39.	Cancer of the buccal cavity—									
	Lip	7	6	1	2	1	3		1	
	Lip (operative shock)	1	1				1			
	Maxilla (jaw)	12	11	1	3		4		2	1
	Tongue	14	14		6		7			
	Tonsil	2	1	1			1			1
	Sarcoma of tonsil	1	1		1					
40[1]	Cancer of the stomach	213	151	62	45	4	80	36	19	20
	(Operative shock)	1	1		1					
	Sarcoma of stomach	2	1	1	1			1		
40[2]	Cancer of the liver	55	31	24	6	1	18	13	6	10
	(Operative shock)	1	1				1			
41[1]	Cancer of the peritonæum, intestines—									
	Of Intestines	48	22	26	4	2	11	8	7	16
	Of intestines (operative shock)	3		3				3		
	Sarcoma of intestines	8	7	1	3		4	1		
41[2]	Cancer of rectum	37	24	13	9	2	13	2	1	9
	(Operative shock)	2	1	1			1	1		
42.	Cancer of the female genital organs—									
	Of uterus	84		84		5		51		22
	Uterus (operative shock)	3		3				2		1
	Of ovary	7		7		2		4		1
	Of vulva	2		2						2
43.	Cancer of the breast	48		48		13		20		13
	Sarcoma of breast	1		1		1				
44.	Cancer of the skin—									
	Of ear	1	1				1			
	Of face	4	3	1			3			1
	Of nose	3	1	2	1					2
	Sarcoma of face	1		1		1				
45.	Cancer of other or unspecified organs									
	Bladder (urinary)	15	12	3	2	1	5	1	4	1
	Bladder (urinary) operative shock	2	1	1			1	1		
	Brain	2		2				2		
	Eye	2	1	1			1			1
	Inguinal glands	2	1	1	1					1
	Kidney	4	3	1	1		2	1		
	Larynx	11	11		3		7			
	Lung	5	5		1		2		1	
	Mediastinum	2	1	1			1	1		
	Neck	4	4		4					
	Penis	1	1		1					
	Pharynx	5	5		1		3			
	Pleura	2	2		1		1			
	Prostate	12	12		3		6		3	

TABLE NO. III—Continued.

During the Fiscal Year Ending June 30, 1917.

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				2				1				2				1					
					2										1				1		
					1										1						
								1						1							
					1														1		
				1														1			
				1										1							
				6	1									2	1	3		1			
				1														1			
				1														1			
				1															1		
				2						1		3									
				1										1							
3		4		10	10	1		5		1		6	11	4							
				49	17								2	7	1	22	9	25	5	1	
					1														1		
				6	1									2		1		3			1
				1														1			
1		1		10	1			1								4		6	1	1	
		1		13				1				1		5		1		7			
				1	1											1	1				
				1														1			
3	2	4		144	62			4		3		5	4	12	9	32	18	100	31	2	
				1												1					
				1	1													1	1		
1				27	24			4				1		1	2	8	5	21	17		
				1														1			
				22	24		1		1			2	3	2	2	7	6	11	15		
					3										1		1		1		
				6	1					1				2		5			1		
1				23	13			1				1	1	2	1	6	5	14	5	1	1
				1	1											1	1				
	6				83					1			3		17		30		34		
					3								1				1		1		
					7								1				4		2		
					2														2		
	1		1		47				1				8		10		9		21		
					1										1						
				1														1			
				3	1											1		2	1		
				1	2													1	2		
					1								1								
1				11	3			1								4	1	8	2		
				1	1										1			1			
					2														2		
				1	1											1			1		
				1	1											1	1				
				3	1									2				1	1		
1				10				1				1		2		2		6			
1				5										1		2		2			
				1	1									1					1		
				4										1				3			
				1												1					
		1		4				1										5			
				1		1												2			
				12										1		3		8			

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Spine	3	1	2			1	2		
Testicle	1	1		1					
Thigh	2	1	1				1	1	
Thyreoid	1		1						1
Sarcoma of arm	1		1						1
Of brain	4	1	3	1			3		
Of hand	1	1		1					
Of eye	1		1		1				
Of femur	1	1						1	
Of hip	1		1		1				
Of iliac glands	1		1		1				
Of kidney	1	1				1			
Of lung	1		1				1		
Of Mediastinum	3	1	2	1			1		1
Of neck	4	3	1	1		1	1	1	
Of mentum	1	1				1			
Of testicle	1	1				1			
Of thigh	3	1	2			1			2
46. Other tumors (except of female genital organs) of Mediastinum	1		1						1
47. Acute articular rheumatism	18	9	9	2	7	6	1	1	1
48. Chronic rheumatism and gout	5	3	2	2		1	2		
49. Scurvy	1	1		1					
50. Diabetes	102	48	54	15	5	24	21	8	28
51. Exophthalmic goitre	6		6		2		2		2
52. Addison's disease	1		1				1		
53. Leukæmia	21	14	7	8	4	3	3	3	
54. Anæmia, chlorosis	37	14	23	2	7	9	9	3	7
55. Other general diseases									
56. Alcoholism (acute or chronic)	39	32	7	16		10	6	2	
57. Chronic lead poisoning	1	1				1			
58. Other chronic occupation poisonings									
59. Other chronic poisonings—									
Opium	1	1				1			
Morphinism, chronic	1		1						
II. Diseases of the Nervous System.									
60. Encephalitis	3	3		2		1			
61[1] Simple meningitis (cerebral)	7	5	2	3	2	1		1	
(Spinal)	1	1		1					
(Pneumococcic)	1		1		1				
(Streptococcic)	6	4	2	2	1	2			1
61[2] Cerebrospinal meningitis	5	3	2	3	2				
61[3] Epidemic cerebrospinal meningitis	7	6	1	5	1				
62. Locomotor ataxia	13	8	5	4	1	4	3		1
63. Other diseases of the spinal cord—									
Bulbar paralysis	1	1							
Paralysis agitans	5	3	2		1	2	1	1	
Infantile paralysis	5	2	3	2	2		1		
Spastic paralysis	1		1		1				
Spastic paraplegia (oper. sepsis)	1		1		1				
Transverse myelitis	1	1							
Multiple sclerosis	5	2	3	1		1	3		
Sclerosis of the brain	1	1						1	
Tumor of spinal cord	2		2				1		1
64. Cerebral hæmorrhage, apoplexy	374	188	186	29	13	111	68	37	102
65. Softening of the brain	18	10	8			9	3	1	5
66. Paralysis without specified cause	5	3	2			2	1	1	1
Hemiplegia	5	3	2			1	1	2	1
67. General paralysis of the insane	4	4				4			
68. Other forms of mental alienation									
69. Epilepsy	15	10	5	6	1	2	1		3
70. Convulsions (nonpuerperal)									

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				1	2								1			1	1				
				1								1									
				1	1								1					1			
					1														1		
					1													1			
				1	3							1			2		1				
				1												1					
					1												1				
				1														1			
					1								1								
					1										1						
				1												1					
					1												1				
				1	1	1		2						1		1		3		1	
				1	1											1					
				1												1					
				1	2										1	1			1		
					1														1		
				7	9	1		1				2	5	1	1		2	6	1		
				3	2												2	3			
				1														1			
1				46	54			2				4	4	5	9	16	12	23	28		1
					6										3		2		2		
					1												1				
				14	7							2	2	2	3	2		7	2	1	
				14	23							1		1	8	5	3	6	12	1	
2	1	2		31	7			1				5	1	6	1	9	4	10	1	2	
				1												1					
								1										1			
			1		1												1				
				3								2				1					
				5	2								2	2		1		2			
				1								1									
					1								1								
				4	2							1	1		1			2		1	
				2	2			1				2			1			1	1		
		1		6	1							1	1	3		1		1			
				8	5									1	2	3	2	4	1		
		1		1												1					
				3	2													3	2		
				1	3			1				2	3								
					1								1								
					1										1						
		1		1												1					
				1	3					1		1					2	1	1		
				1										1							
					2										1				1		
5	2	6	1	181	183		2	7	1			7	12	13	21	55	52	107	100	6	1
				10	8											4	5	6	3		
				3	2											1		2	2		
				3	2										1			2	1	1	
				4												3		1			
1		1		10	5							3		1	2			4	3	2	

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
71.	Convulsions of infants	2	2		2					
72.	Chorea	1	1		1					
73.	Neuralgia and neuritis (neuritis)	1		1				1		
74.	Other diseases of the nervous system									
	Abscess of brain	5	3	2	2			2	1	
	Tumor of brain	23	12	11	3	5	8	5	1	
	Anemia of brain	1		1						1
75.	Diseases of the eyes and their adnexa									
76.	Diseases of the ears—									
	Otitis media	9	7	2	5	1	2	1		
III.	**Diseases of the Circulatory System.**									
77.	Pericarditis	14	11	3	4	1	4	2	1	
78.	Acute endocarditis	35	24	11	19	4	5	4		2
79.	Organic diseases of the heart—									
	(1) Valvular	481	279	202	78	20	133	82	46	98
	(2) Endocarditis, chronic	161	105	56	25	5	47	12	15	37
	(3) Fatty heart	22	9	13	4		3	4	2	9
	(4) Myocarditis, chronic	329	192	137	46	12	70	18	68	107
80.	Angina pectoris	47	29	18	1		21	13	7	5
81.	Diseases of arteries, atheroma, aneurysm, etc.—									
	(1) Aneurism of aorta	40	34	6	11	1	13	2	6	3
	(2) Arterio-sclerosis	89	40	49	8	5	18	8	14	36
82.	Embolism and thrombosis	23	11	12	2	2	5	3	4	7
83.	Diseases of veins—									
	Hæmorrhoids	1	1				1			
	Phlebitis	3		3				1		2
	Phlebitis (septicemia following)	1		1		1				
84.	Diseases of lymphatic system—									
	Enlarged thymus (oper. shock)	1	1		1					
	Lymphangitis (septic from ulcerated tooth)	1	1		1					
	Status lymphaticus	1	1		1					
	Status thymicus (septic)	1	1		1					
85.	Hæmorrhage (other diseases of circulatory system)									
IV.	**Diseases of the Respiratory System.**									
86.	Diseases of the nasal fossæ									
87.	Diseases of the larynx—									
	Acute laryngitis	3	2	1	1	1	1			
	Tumor of larynx	1	1		1					
	Edema of glottis	3	1	2		1	1	1		
	Spasm of glottis	1	1		1					
88.	Diseases of the thyreoid body—									
	Thyreoidism	3	2	1			2	1		
	Myxedema	1		1						1
89.	Acute bronchitis	50	28	22	13	4	7	6	8	12
90.	Chronic bronchitis	39	29	10	5	2	15		8	8
91.	Bronchopneumonia	295	191	104	101	52	50	16	30	35
92.	Lobar pneumonia	408	273	135	120	42	95	44	34	46
93.	Pleurisy	44	30	14	15	5	6	6	5	2
94.	Pulmonary congestion	2	1	1			1	1		
	Hypostatic pneumonia	8	3	5			1	1	2	4
95.	Gangrene of the lung	1	1		1					
96.	Asthma	4	3	1	1		1		1	1
97.	Pulmonary emphysema									
98.	Other diseases respiratory system (tuberculosis excepted)									
	Abscess of lungs	4	4		1		2			

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				2								2									
				1								1									
					1														1		
				3	2							1		1				2	1		
	1			12	11							2	3	1	3	4	3	5	2		
					1												1				
				7	2								1	2		2	1	3			
2				10	3			1				1	1	1	2	1		8			
	1			23	11			1				5	2	4	4	5		10	5		
6	1	16	1	273	198		2	6	2			16	12	31	14	74	54	145	121	13	1
3		15	2	87	56	2		16				2	1	8	6	23	16	63	32	9	1
				9	13							2	1	1	2	1		5	10		
3		5		189	137	1		2				1	1	6	2	52	40	129	93	4	1
				28	17			1	1			2	2	5	1	8	4	14	11		
		4		32	6	1		1				1	1	4	1	11		17	4	1	
				36	48			4	1				2			11	11	29	36		
				11	12							1				4	6	6	6		
				1												1					
					3												1		2		
					1								1								
				1								1									
				1												1					
				1								1									
				1								1									
				1								1									
				2	1							1	1	1							
				1										1							
				1	2								1			1			1		
				1								1									
					1											2	1				
					1										1						
				25	21			3	1			10	5			7	3	11	14		
1				26	10			3				2		1		2	5	24	5		
2	1	8		182	100	3	1	5	2	1	1	44	38	16	10	36	16	91	40	4	
4		20	3	257	131	6	1	9		1	3	41	32	42	29	65	25	109	46	16	3
1	1	3		29	13		1	1				2	5	1	3	9	3	17	3	1	
				1	1														1		
				3	5											1	1	2	4		
				1										1							
				2	1	1										3	1				
1				4												1		3			

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System.									
99. Diseases of the mouth and adnexa—									
Stomatitis (septicæmia following)	1		1				1		
100. Diseases of the pharynx—									
Tonsillitis (streptococcic infection)	3		3		3				
Abscess tonsil (septicæmia foll.)	1	1							
Phlegmonous pharyngitis	1	1				1			
Ludwig's angina	2	1	1	1	1				
101. Diseases of the œsophagus									
102. Ulcer of the stomach	36	24	12	5		15	8	1	3
103. Other diseases of stomach (cancer excepted)—									
Chronic gastritis	8	3	5	3	1				4
Dilatation stomach	1		1						1
Foreign body in stomach	1	1		1					
104. Diarrhœa and enteritis (under 2 yrs.)									
Cholera infantum	2	2		2					
Diarrhea	3	1	2	1	2				
Enteritis	8	3	5	3	5				
Entero-colitis	7	3	4	3	4				
Gastro-enteritis	39	19	20	19	20				
Ileo-colitis	4	1	3	1	3				
105. Diarrhœa and enteritis (2 years and over)—									
Enteritis	8	5	3	3		2	2		1
Entero-colitis	2	2		2					
Gastro-enteritis	9	6	3	2	2			3	1
Duodenal ulcer	19	16	3	4		10	3	2	
106. Ankylostomiasis									
107. Intestinal parasites									
108. Appendicitis	85	61	24	29	11	25	9	5	4
(Operative shock)	4	2	2		1	2	1		
(Operative sepsis)	1	1				1			
109[1] Hernias	17	7	10	3	2	3	2		5
(Operative shock)	2	2				2			
109[2] Intestinal obstructions	33	13	20	7	5	6	9		6
(Operative shock)	4	1	3		3	1			
(Operative sepsis)	1		1						1
Intussusception	6	2	4	2	3		1		
Volvulus	3	2	1	2	1				
110. Other diseases of the intestines (fecal fistula)	1		1		1				
Ischiorectal abscess (pyemia fol.)	1	1				1			
Dilatation colon	1		1		1				
Gangrene intestines	1	1		1					
111. Acute yellow atrophy of the liver	4	2	2	2	1		1		
112. Hydatid tumor of the liver	1		1						1
113. Cirrhosis of the liver	130	91	39	34	2	38	27	13	7
114. Biliary calculi	12	6	6		1	5	3	1	2
(Operative shock)	2	1	1			1			
(Operative sepsis)	1		1						1
115. Other diseases of the liver									
Abscess of	3	3		2		1			
Inflammation of	2	1	1			1			1
Catarrhal jaundice	2	1	1	1			1		
Cholecystitis	8	6	2	1		3	2	2	
Empyema gall bladder	4	2	2	1		1	1		1
116. Diseases of the spleen									
117. Simple peritonitis (nonpuerperal)									
118. Other diseases of digestive system (excepting cancer, tuberculosis)									
Hemorrhagic pancreatitis	6	3	3	2	1	1	1		1

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
					1												1				
					3								2		1						
1				1														1			
				1												1					
				1	1								1					1			
1	1	2		20	12			4				3	2	2		4	5	13	5	2	
				2	5					1					1	1	1	2	3		
					1												1				
				1								1									
				1				1				2									
				1	2							1	2								
				3	4				1			3	4		1						
				3	4							1	3	2	1						
				15	17	1		2	3	1		17	12	2	8						
				1	3							1	2		1						
				5	3							1		2		1		1	3		
				2								1		1							
		1		6	3							1	1		1	1		3	1	1	
				14	3			1		1			1	3		6	2	7			
1		1		57	22		1	3	1	1		13	6	17	5	14	8	17	5		
				2	2								1				1	2			
				1														1			
		1	1	7	10									1		2	5	4	5		
				2														2			
				13	19		1					3	4	5	4	2	4	3	8		
	1			1	3								2			1			1		
					1																1
				2	4							2	3						1		
				2	1							2	1								
					1												1				
				1										1							
					1										1						
				1														1			
				2	2								1			1		1			1
					1												1				
1	3	5		84	39			7				2	4	9	9	17	8	61	18	2	
				6	6								1	2		2	3	2	2		
	1			1	1												1	1			
					1												1				
				2						1		1						2			
				1	1													1	1		
				1	1							1					1				
				6	2										1	1		5	1		
			2	2											1		1	2			
				3	3								2					2	1	1	

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
VI. Diseases of the Genito-Urinary System.									
119. Acute nephritis	61	41	20	21	6	17	6	3	8
120. Bright's disease	679	413	266	103	27	214	110	78	120
121. Chyluria									
122. Other diseases of the kidneys and adnexa—									
Abscess of	1	1		1					
Tumor of	1	1		1					
(Operative shock)	1		1				1		
Pyelitis	7	5	2	1		2		2	2
Pyeloneprithis	6	4	2	3				1	2
Pyonephrosis	13	10	3	3	1	6	1	1	
Staphylococcic infection of	1		1		1				
123. Calculi of the urinary passages	3	3		1		2			
124. Diseases of the bladder (cystitis, chronic)	3	2	1			1	1	1	
Cystitis, streptococcic septicemia	1		1		1				
Tumor of	1	1		1					
Septic infection of	1	1				1			
125. Diseases of the urethra, urinary abscess, etc. (recto-vesical fistula)	1	1						1	
126. Diseases of the prostate (hypertrophy of)	17	17		6		8		3	
(Operative shock)	3	3				2		1	
Abscess of	1	1		1					
Inflammation of (septicemia foll.)	1	1		1					
127. Nonvenereal diseases male genital organs									
128. Uterine hæmorrhage (nonpuerperal)									
129. Uterine tumor (noncancerous)									
Fibro-myoma of	10		10				6		3
(Operative shock)	4		4		1		2		1
130. Other diseases of the uterus—									
Prolapse of	1		1						1
Endometritis	1		1				1		
Menopause	1		1				1		
Pelvic cellulitis	2		2				2		
Gangrene uterus	1		1				1		
131. Cysts and other tumors of the ovary (cyst)	7		7		2		4		1
cyst (operative shock)	2		2				1		
132. Salpingitis and other diseases of female genital organs (salpingitis)	20		20		4		13		3
133. Nonpuerperal diseases of the breast (cancer excepted)—									
Mastitis (septicemia following)	1		1		1				
VII. The Peurperal State.									
134. Accidents of pregnancy—									
Abortion (spontaneous)	1		1				1		
Abortion (self-induced)	2		2				2		
Miscarriage	2		2				2		
Extra uterine pregnancy	5		5				5		
Pernicious vomiting	1		1				1		
Prolapse of uterus	1		1				1		
135. Puerperal hæmorrhage—									
Placenta previa	4		4				4		
Retained placenta	1		1				1		
Post-partum	1		1				1		
136. Other accidents of labor—									
Cesarian section	2		2				2		
Difficult labor	2		2				2		
Prolonged labor	1		1				1		

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				36	19	1	1	2		2		8	6	4	2	8	7	19	5	2	
6	8	12	1	393	262	2	3	18			1	24	23	39	24	114	81	227	138	9	
				1								1									
				1														1			
					1														1		
				5	2									1		1	1	3			1
				3	2			1				1				1	1	2	1		
	1			8	3	1				1				1	1	4	1	5	1		
					1										1						
				2				1						1				2			
				2	1										1			2			
					1												1				
				1								1									
				1												1					
				1												1					
				16				1						1		3		13			
				3												2		1			
				1								1									
				1														1			
	1				10								1				4		5		
					4								1		2				1		
					1														1		
					1								1								
					1										1						
					2														2		
					1														1		
					7										3		2		2		
	1				2								1				1				
					20										8		5		6		1
					1								1								
					1								1						1		
					2										1		1				
					2												2				
					5										2		1		2		
					1												1				
					1														1		
					4												2		2		
					1														1		
					1												1				
					2												1		1		
					2														2		
					1										1						

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
	Rupture of uterus	3		3				3		
	Shock following childbirth	1		1				1		
137.	Puerperal septicæmia	6		6				6		
138.	Puerperal albuminuria and convulsions	18		18				18		
139.	Puerperal phlegmasia alba dolens, embolus, sudden death (embolism)	1		1				1		
140.	Following childbirth (not otherwise specified)	1		1				1		
141.	Puerperal diseases of the breast									
	VIII. Diseases of the Skin.									
142.	Gangrene of leg	2		2				1		1
143.	Furuncle (pyemia following)	1	1		1					
	Carbuncle lip (septicemia foll.)	1	1				1			
144.	Acute abscess—									
	Of buttock	1	1		1					
	Multiple (pyemia foll.)	1	1				1			
	Streptococcic cellulitis	2	1	1		1			1	
145.	Other diseases of the skin and adnexa									
	Erythema (septicemia foll.)	1		1		1				
	Impetigo (septicemia foll.)	1		1		1				
	Pemphigus (neonatorum)	1		1		1				
	Ulcer leg (septicemia foll.)	1		1				1		
	IX. Diseases of the Bones.									
146.	Diseases of the bones (tuberculosis excepted)—									
	Mastoiditis	6	4	2	3	1	1	1		
	Mastoiditis (septicemia foll.)	3	3		2		1			
	Osteomyelitis, multiple	2	1	1	1	1				
	Osteomyelitis (septicemia foll.)	2	2		2					
147.	Diseases of the joints (excepting tuberculosis and rheumatism—									
	Abscess ankle (septicemia foll.)	1	1		1					
	Abscess knee (pyemia foll.)	1	1				1			
	Arthritis, chronic, multiple	1	1		1					
	Arthritis (septic)	1		1		1				
148.	Amputations									
149.	Other diseases of the organs of locomotion									
	X. Malformations.									
150[1]	Hydrocephalus	3	1	2	1	2				
150[2]	Congenital malformation of heart	32	15	17	15	17				
150[3]	Other congenital malformations—									
	Imperforate anus	1	1		1					
	(Operative sepsis)	1		1		1				
	Cleft palate	1	1		1					
	Hemiacephalus	1		1		1				
	Microcephalus	1		1		1				
	Pyloric stenosis	2	1	1	1	1				
	Spina bifida	3	1	2	1	2				
	Enlarged thymus	2	1	1	1	1				
	Defect vascular system	2	1		1					
	XI. Diseases of Early Infancy.									
151[1]	Premature birth	119	71	48	71	48				
151[2]	Congenital debility, "atrophy," "marasmus," etc.	15	11	4	11	4				
	Icterus neonatorum	1		1		1				

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
					3								1						2		
					1														1		
					5						1				3		1		2		
					16				1		1		7		2		1		8		
					1												1				
					1												1				
					2												1		1		
				1														1			
								1										1			
				1														1			
				1														1			
				1	1										1	1					
					1										1						
					1										1						
					1								1								
					1												1				
				4	2							2	1	1	1			1			
				3								1				1		1			
				1	1							1			1						
				2										1		1					
				1								1									
				1								1									
				1										1							
					1										1						
					2					1			2	1							
				13	17			1		1		14	16	1	1						
								1				1									
					1								1								
				1							1		1			1					
					1										1						
				1	1							1	1								
				1	2							1	2								
				1	1							1	1								
				1								1									
				71	45				3			67	48	4							
				11	3						1	10	4	1							
					1										1						

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
152[1] Other diseases peculiar to early infancy									
Difficult labor	3	2	1	2	1				
Instrumental delivery	13	10	3	10	3				
Rupture spleen	1		1		1				
Strangulation, umbilical cord	1		1		1				
152[2] Asphyxia neonatorum	4	2	2	2	2				
Atelectasis neonatorum	27	14	13	14	13				
Hemorrhagica neonatorum	11	4	7	4	7				
Melena neonatorum	2	2		2					
Hemorrhage umbilical cord	4	3	1	3	1				
Infection umbilical cord	3	2	1	2	1				
Septic pyelo-cystitis	1		1		1				
Suffocation (in bed clothes)	1		1		1				
153. Lack of care (exposure)	2	2		2					
XII. Old Age.									
154. Senility	67	35	32	5	6	7	1	21	24
XIII. Affections Produced by External Causes.									
155. Suicide by poison—									
Arsenic	1	1				1			
Bi-chloride mercury	7	4	3			2	1		1
Chloroform	3	2	1	1	1				
Cresol	1	1				1			
Cyanide of potassium	7	6	1	2	1	1		1	
Lysol	2	1	1			1	1		
Morphine	1	1		1					
Phenol	1		1		1				
Strychnine	5	5		1		2			
156. Suicide by asphyxia (illuminating gas)	70	48	22	16	3	15	9	2	6
157. Suicide by hanging or strangulation	11	11		7		3			
158. Suicide by drowning	9	8	1	3		4	1		
159. Suicide by firearms	86	77	9	27		27	7	4	
160. Suicide by cutting or piercing instrument	11	11		4		4		1	
161. Suicide by jumping from a high place	8	2	6		4	2	1		1
162. Suicide by crushing (under train)	1	1							
163. Other suicides									
164. Poisoning by food—									
Ptomaines (eating peanuts)	1		1						1
165. Other acute poisonings—									
Alum (accidentally self-admin.)	1		1						1
Belladonna (accidentally self-ad.)	1		1		1				
Chloroform (accidentally self-ad.)	1		1						1
Cresol (accidentally self-admin.)	1		1				1		
Lysol (accidentally self-admin.)	1	1		1					
Opium (accidentally self-admin.)	1	1		1					
Potash (accidentally self-admin.)	1	1						1	
Strychnine (accidentally self-ad.)	1		1						1
Unknown poison (accidentally self-administered)	1		1						
166. Conflagration (in burning building)	5	1	4		1	1	2		1
167. Burns (conflagration excepted)—									
Accidental ignition clothing—									
From bonfire	1	1		1					
Playing with matches	3	1	2	1	2				
From lighted candle	2	1	1		1				1
From lighted cigarette	1		1				1		
From spirit lamp	1		1		1				

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				2	1							2	1								
				10	3							9	3	1							
					1								1								
					1								1								
				2						2		2	2								
				12	12		1			2		14	13								
				3	7					1		4	7								
				1						1		2									
				3	1							3	1								
				2	1							1	1	1							
											1		1								
					1								1								
				2								1		1							
1	1	1		34	31	1			1							8	11	26	21	1	
				1										1							
1		1	1	4	3								1		1		1	4			
		1		2	1							1							1		1
				1														1			
1		1		6	1											1	1	2		3	
				1	1									1			1				
				1																1	
					1								1								
		2		4		1										2		2		1	
1	3	14	1	47	21			1			1		2	1	2	14	6	20	10	13	2
		1		9				1	1									10		1	
		1		7	1					1		1			1			6		1	
2	1	17	1	70	9	3		3		1		1		8	1	18	2	36	5	14	1
1		1		11								2				2		5		2	
				2	6										1		3	2	2		
		1		1																1	
					1												1				
					1														1		
					1								1								
					1																
				1								1									
								1										1			
																		1			
					1														1		
					1																
	1				1								2		1		1				
				1	4							2		1		1		1			
				1										1							
				1	2							1	1		1						
					1	1												1	1		
					1												1				
					1								1								

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

	Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
	From gas stove	2		2				2		
	Lighting fire kerosene	1		1						1
	Explosion kerosene stove	1	1						1	
	Burns from burning asphalt	1	1				1			
	From boiling paraffine	1		1		1				
	From escaping steam	1	1		1					
	From explosion distillate	1	1				1			
	From exploding gasoline	1	1				1			
	From scalding soup	1		1		1				
	From scalding tea	1	1		1					
	From scalding water	3	1	2	1	2				
168.	Absorption of deleterious gases (conflagration excepted)—									
	Illuminating gas (accidental)	82	66	16	25	3	21	5	12	4
	Inhalation of smoke	1	1							
	Ether anesthesia	2	2		1		1			
	Nitrous oxide anesthesia	1		1		1				
	Inhalation chloroform fumes	1	1		1					
	Inhalation cyanide fumes	3	3		3					
169.	Accidental drowning (Bay)	38	38		17		5		2	
	Pacific ocean	4	3	1	1					1
170.	Traumatism by firearms	8	7	1	7			1		
171.	Traumatism by cutting or piercing instruments—									
	By broken glass	1	1						1	
	Piercing abdomen	1	1				1			
172.	Traumatism by fall—									
	From baby carriage	1	1		1					
	Over balustrade	1	1							
	From bed	2		2						2
	From bunker	1	1		1					
	From chair	5	1	4	1			2		2
	From chimney	1	1		1					
	Over cliff	1	1		1					
	From derrick	2	2				1			
	From electric light pole	1	1						1	
	On floor	14	3	11		3	1	2		6
	From high-chair	1	1		1					
	From ladder	4	4		1		3			
	On pavement	17	11	6	6	1	1	1	2	4
	From plank	1	1		1					
	From platform	2	2				2			
	From R. R. trestle	1	1						1	
	From scaffold	9	9		3		6			
	From scaffold (defective)	1	1		1					
	Into hold of ship	2	2				2			
	Thru skylight	2	1	1	1	1				
	From sliding-board	1	1		1					
	From sliding-pole	1	1							
	Down stairs	17	14	3	6		1	2	4	1
	From swinging rings	1	1		1					
	Fall against stove	1		1						1
	From wall	1	1						1	
	From window	11	7	4	5	2		1		1
	Nature unknown	3	2	1	1	1			1	
173.	Traumatism in mines and quarries—									
	Delayed shot in tunnel	3	3		1		2			
	Falling timber in tunnel	1	1				1			
	Fall in mine	1	1		1					
	Fracture spine in mine	1	1				1			
	By falling rock in quarry	1	1				1			

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
					2														2		
					1														1		
				1														1			
				1														1			
					1								1								
				1												1					
				1								1									
				1														1			
					1								1								
				1										1							
				1	2							1	1			1					
3	2	5	2	64	15			1		1	1	3	1	9	5	6	2	43	6	5	2
1				1														1			
				2								1				1					
					1										1						
				1								1									
				2						1								3			
		14		37				1				4		2		3		14		15	
		2		3	1							1				1				2	
				7	1							2		3	1	1		1			
				1														1			
				1								1									
				1								1									
		1		1																1	
					2														2		
				1														1			
				1	4												2	1	2		
				1								1									
				1										1							
		1		2												1				1	
				1																1	
		2		3	11								1				1	2	9	1	
				1								1									
				4								1				1		2			
1		1		10	6	1						2		1	3	2		5	3	1	
				1														1			
				2														2			
				1														1			
				9								2				2		4		1	
				1														1			
				2														2			
				1	1							1					1				
				1								1									
				1										1							
1				14	3							4		1		1	1	7	2	1	
1		2		1								1									
					1														1		
				1														1			
		2		6	4			1				1		2	1			5	2		
				2	1								1					2			
				3														3			
				1														1			
				1														1			
				1														1			
				1														1			

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
174. Traumatism by machines—									
Crushed by elevator	7	6	1	2		4	1		
Caught in gasoline engine	1	1		1					
Caught in gear-wheel	1	1							
Crushed by crank-shaft	1	1		1					
Struck by pulley-block	1	1				1			
Struck by traveling crane	2	2				2			
Recoil of car-spring	1	1		1					
Boiler explosion	1	1				1			
175[1] Railroad accidents and injuries—									
Run over by locomotive	2	2		1		1			
Struck by locomotive	2	2		1		1			
Fall from box-car	1	1		1					
Fall from moving train	1	1				1			
Run over by freight car	3	3				3			
Run over by train	5	6		1		2			
Crushed between freight cars	1	1		1					
Crushed by overturning freight car	1	1				1			
175[2] Street car accidents and injuries—									
Struck by cable car	1		1				1		
Fall from cable car	1		1		1				
Fall from electric car	2		2				1		1
Run over by electric car	3	3		2		1			
Struck by electric car	23	22	1	8	1	9			
Crushed between electric cars	2	2		1		1			
Struck by falling car seat	1	1				1			
Collision bet. elec. car and wagon	1	1				1			
175[3] Automobile accidents and injuries—									
Run over by auto	11	11		6		2		2	
Struck by auto	53	38	15	18	5	12	1	4	8
Crushed by overturning auto	2		2		1				1
Hurled from auto	1		1				1		
Collision between autos	1	1							
Collision auto and buggy	1		1						1
Collision auto and electric car	1		1				1		
Collision auto and train	1	1							
Collision auto with pole	2	1	1			1	1		
Collision auto with hydrant	1	1				1			
175[4] Injuries by other vehicles—									
Fall from bicycle	2	2		2					
Struck by motorcycle	2	2		1				1	
Crushed by overturning motorcycle	1	1		1					
Collision motorcycle with auto	1	1		1					
Run over by truck	8	6	2	5	2				
Run over by wagon	2	1	1	1					1
Fall from wagon	7	7		4		3			
Thrown from wagon	3	3		2		1			
Struck by wagon	2	2		2					
Crushed between brake and wheel	1	1		1					
175[5] Landslides—other crushing—									
Crushed by caving earth	5	5		2		2			
Struck by falling freight	1	1				1			
Crushed by falling lumber	2	2		1		1			
Crushed by falling timber	7	7		2		4			
Crushed by lumber crates	1	1		1					
Crushing chest—manner unknown	1	1		1					
176. Injuries by animals—									
Kicked by bull	1	1				1			
Kicked by horse	1	1							
Fall from horse	1	1		1					
Struck by runaway horses	1	1		1					
177. Starvation									

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				5	1			1				1		1			1	4			
				1								1									
		1		1														1			
				1														1			
				1														1			
				2														2			
				1										1							
				1								1									
				2														1		1	
				2														1		1	
				1												1					
				1														1			
				3												1		2			
		2		4						1						2		2		1	
				1										1							
				1												1					
					1										1						
					1								1								
					2								1				1				
					1																
		4		22	1							1	1	1		2		17		1	
				2										1				1			
				1												1					
				1														1			
		1		11								3		2		3		2		1	
		4	1	38	15							6	2	7	2	7	4	15	6	3	1
					2										1				1		
					1												1				
		1		1																1	
					1														1		
					1										1						
1				1														1			
				1	1											1	1				
				1								1									
				2												1		1			
				2								1				1					
										1		1									
				1								1									
		1		6	2							2	2					3		1	
				1	1							1							1		
				7								2		3				2			
				3												1		1		1	
				2												1		1			
				1								1									
		1		4		1										1		3		1	
				1												1					
				2								1		1							
		1		7								2				2		1		2	
				1														1			
				1														1			
				1														1			
1				1										1							
				1												1					
				1														1			

TABLE No. III—Continued

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
178. Excessive cold									
179. Effects of heat									
180. Lightning									
181. Electricity (lightning excepted)—									
Accidental electrocution	4	4		1		3			
182. Homicide by firearms	33	21	12	10	3	9	8	1	
183. Homicide by cutting or piercing instruments	5	4	1	4			1		
184. Homicide by other means—									
By blows	5	5				1		2	
By blows (in fist fight)	2	2				1		1	
By strangulation	1		1				1		
By illuminating gas	4	1	3	1	3				
By bomb explosion	9	7	2	2		4	2	1	
By criminal abortion	3		3		1		2		
185. Fractures—									
Spine (dive while swimming)	2	2		2					
Skull (manner unknown)	3	3		1		2			
Tibia (manner unknown)	1	1				1			
186. Other injuries—									
Perforation chest (fall on picket fence)	1	1		1					
Traumatic cerebral hemorrhage (manner unknown)	1	1		1					
Explosion oxygen tank	2	2				2			
XIV. Ill-Defined Diseases.									
187. Ill-defined organic disease									
188. Sudden death									
189[1] Cause of death ill-defined									
189[2] Cause of death not specified, or unknown—									
Decomposed remains	4	4		4					

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascer'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				4										1		2		1			
		1	1	14	9	1	3	5		1		2	2	2	4	3	4	13	1	1	1
				3	1	1								2	1	1		1			
		2		5														4		1	
				2														1		1	
					1												1				
										1	3	1	3								
				7	2							2		1	1	2	1	2			
					3										1		1		1		
				2										2							
				3										1				1		1	
				1														1			
				1								1									
				1								1									
				2														2			
				4														4			

TABLE NO. III—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route ★ to Hospital		Pub. Inst-'t'ns, hospitals, etc				Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.
DEATHS FROM ALL CAUSES.	7294	4580	2714	729	555	373	237	253	264	347	283	172	174	107	8	2599	1193			571	199
I. General Diseases	2118	1375	743	198	140	75	68	52	79	93	68	39	45	3		915	343			193	77
II. Diseases of Nervous System	528	283	245	49	54	20	22	27	29	24	28	22	18			141	94			31	17
III. Diseases of Circulatory System	1250	739	511	172	111	82	53	66	75	69	63	42	42	10	2	298	165			68	15
IV. Diseases of Respiratory System	867	570	297	86	68	52	22	32	20	50	39	15	19	3		332	129			67	22
V. Diseases of the Digestive System	490	298	192	28	40	22	19	6	3	13	13	8	11	2		219	106			58	14
VI. Diseases of Genito-Urinary System	852	505	347	77	72	40	20	43	41	40	43	22	24	6		277	147			81	29
VII. The Puerperal State	53		53		1		1		3								48				5
VIII. Diseases of the Skin	12	5	7	2		2			1				1			3	3				
IX. Diseases of the Bones	17	13	4				1			1						12	3			2	2
X. Malformations	48	22	26	4	3	2	1		2	4	4		2			12	14			1	
XI. Diseases of Early Infancy	208	123	85	23	15	13	10	2	2	20	12	4	4			61	42				
XII. Old Age	67	35	32	4	10	3	3	5	4	4	2		4			19	9				2
XIII. Affections Produced by External Causes	780	608	172	85	39	62	16	20	6	29	11	20	4	82	6	310	90			70	16
XIV. Ill-Defined Diseases	4	4		1		2								1							
1. General Diseases.																					
1. Typhoid fever	20	13	7	1	2	1										11	5			4	2
2. Typhus fever																					
3. Relapsing fever																					
4. Malaria	2	1	1		1											1					1
5. Smallpox	7	3	4													3	4				1
6. Measles	38	24	14	10	2	3	3		2	4	2		1			7	4				
7. Scarlet fever	8	7	1	1						1						5	1			1	
8. Whooping cough	16	7	9	4	4		1	1	1	1	3	1									
9. Diphtheria	98	56	42	8	9	2	5		2	4	6	2	4			40	16			1	
10. Influenza	9	4	5	1	4			1		2							1				

11. Miliary fever																								
12. Asiatic cholera																								
13. Cholera Nostras																								
14. Dysentery	2	2		1														1				1		
15. Plague																								
16. Yellow fever																								
17. Leprosy	1	1																1						2
18. Erysipelas	14	9	5	2						1	1							6	4					
19. Other epidemic diseases—																								
Mumps	1		1																1					
20. Purulent infection and septicæmia—																								
Following infection axilla	1	1																1						
Following infection hand	4	3	1															3	1			1		
Following fracture of toe	1	1																1				1	1	
Following abrasion of heel	1		1																1					
Streptococcus septicæmia	2	2				1												1				1		
Pyemia—																								
Following infection of finger	1	1		1																				
Following pus absorption	1	1		1																		1		
21. Glanders																								
22. Anthrax																								
23. Rabies																								
24. Tetanus—																								
Following vaccination	1		1																1					
25. Mycoses (Actinomycosis)	1		1		1																			
26. Pellagra																								
27. Beriberi																								
28. Tuberculosis of the lungs	795	624	171	106	28	39	24	17	14	47	26	14	13					401	66			68		9 1
29. Acute miliary tuberculosis	19	15	4					1	2			1						13	2			2		2
30. Tuberculous meningitis	50	33	17	5	3	1	1	1	1	3	3	1						22	9			4		
31. Abdominal tuberculosis (intestinal)	7	6	1					1		1								4	1			1		
Peritoneal	5	4	1	1				1					1					2				1		
32. Pott's disease—																								
(Tuberculosis spine)	3	3										1						2						
(Operative shock)	2		2																2					
Septicæmia following	1		1																1					
33. White swellings—																								
Tuberculosis hip	1	1																1						
Arthritis knee	1		1										1											
(Operative shock)	1	1																1						
34. Tuberculosis of other organs—																								
Of Cervical lmph glands	1	1																1				1		
Of kidney	7	6	1															6	1			3		1
(Operative shock)	1	1																1						
Of sternum	1	1																1						
Lupus	1		1						1															

TABLE NO. III—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																Non Resident	
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc					
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.
35. Disseminated tuberculosis	3	3		1												2					
36. Rickets	1	1														1					
37. Syphilis (congenital)	21	10	11	1	3	1	2			1		1	2			6	4			1	
Syphilis (acquired)	72	55	17	3	2			2		1		2	2			47	13			8	2
38. Gonococcus infection	1		1														1				
39. Cancer of the buccal cavity—																					
Lip	7	6	1	1		2										3	1				1
Lip (operative shock)	1	1														1					
Maxilla (jaw)	12	11	1			1		1								9	1				
Tongue	14	14		3				1								10				2	
Tonsil	2	1	1		1											1					
Sarcoma of tonsil	1	1														1					
40[1] Cancer of the stomach	213	151	62	16	11	9	6	9	4	9	7	5	5	1		102	29			33	5
(Operative shock)	1	1														1					
Sarcoma of stomach	2	1	1													1	1				
40[2] Cancer of the liver	55	31	24	5	6	4	4	1	2	1	2	3	2			17	8			4	2
(Operative shock)	1	1														1				1	
41[1] Cancer of the peritonæum, intestines—																					
Of Intestines	48	22	26	2	6	3		1	1		1					16	18			7	4
Of intestines (operative shock)	3		3														3				1
Sarcoma of intestines	8	7	1					1				1				5	1			5	
41[2] Cancer of rectum	37	24	13	3	1		1	1	3	4			1			16	7				2
(Operative shock)	2	1	1													1	1			1	1
42. Cancer of the female genital organs—																					
Of uterus	84		84		13		5		11		4		3				48				14
Uterus (operative shock)	3		3														3				
Of ovary	7		7		1		1										5				4
Of vulva	2		2														2				
43. Cancer of the breast	48		48		20		3		7		4		2				12				4
Sarcoma of breast	1		1								1										

44.	Cancer of the skin—																							
	Of ear	1	1															1						
	Of face	4	3	1					1									2	1					
	Of nose	3	1	2		1												1	1					
	Sarcoma of face	1		1				1																
45.	Cancer of other or unspecified organs																							
	Bladder (urinary)	15	12	3	1				1				1					9	3			3	1	
	Bladder (urinary) operative shock	2	1	1														1	1			1	1	
	Brain	2		2				1						1										
	Eye	2	1	1														1	1			1		
	Inguinal glands	2	1	1						1								1				1		
	Kidney	4	3	1					1					1				2				1		
	Larynx	11	11				1		1									9				2		
	Lung	5	5															5				2		
	Mediastinum	2	1	1	1	1												4				1		
	Neck	4	4																					
	Penis	1	1															1						
	Pharynx	5	5								1							4						
	Pleura	2	2					1										1						
	Prostate	12	12				1		1				1					9						
	Spine	3	1	2		1				1			1											1
	Testicle	1	1								1													
	Thigh	2	1	1								1						1						
	Thyreoid	1		1		1																		
	Sarcoma of arm	1		1															1					
	Of brain	4	1	3	1			1											2					2
	Of hand	1	1		1																			
	Of eye	1		1															1					
	Of femur	1	1															1						
	Of hip	1		1										1										
	Of iliac glands	1		1															1					1
	Of kidney	1	1															1						
	Of lung	1		1															1					
	Of Mediastinum	3	1	2	1														2					
	Of neck	4	3	1														3	1					
	Of mentum	1	1															1				1		
	Of testicle	1	1				1																	
	Of thigh	3	1	2														1	2					
46.	Other tumors (except of female genital organs) of Mediastinum	1		1						1														
47.	Acute articular rheumatism	18	9	9	5		1	1	2				2		2			1	4					1
48.	Chronic rheumatism and gout	5	3	2		1												3	1					
49.	Scurvy	1	1								1													
50.	Diabetes	102	48	54	7	8		7	3	18	5	2	3	2	1			29	17			6	5	
51.	Exophthalmic goitre	6		6		2						1							3					2
52.	Addison's disease	1		1		1																		

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc				Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.
53. Leukæmia	21	14	7			1		1	2	2	1					10	4			4	2
54. Anæmia, chlorosis	37	14	23	1	6	1	1		5	1	1		1			11	9			5	1
55. Other general diseases																					
56. Alcoholism (acute or chronic)	39	32	7	2		1				2		1		1		25	7			9	
57. Chronic lead poisoning	1	1				1														1	
58. Other chronic occupation poisonings																					
59. Other chronic poisonings—																					
Opium	1	1		1																	
Morphinism, chronic	1		1														1				
II. Diseases of the Nervous System.																					
60. Encephalitis	3	3						1		1						1				1	
61[1] Simple meningitis (cerebral)	7	5	2		1		1	1								4					
(Spinal)	1	1								1											
(Pneumococcic)	1		1								1										
(Streptococcic)	6	4	2								1		1			4					
61[2] Cerebrospinal meningitis	5	3	2		1											3	1			1	2
61[3] Epidemic cerebrospinal meningitis	7	6	1													6	1			3	
62. Locomotor ataxia	13	8	5		1			1	1			3	2			4	1				
63. Other diseases of the spinal cord—																					
Bulbar paralysis	1	1														1					
Paralysis agitans	5	3	2							1						2	2				
Infantile paralysis	5	2	3		1							1				1	2				1
Spastic paralysis	1		1				1														
Spastic paraplegia (oper. sepsis)	1		1														1				1
Transverse myelitis	1		1													1				1	
Multiple sclerosis	5	2	3	1	1	1											2			1	
Sclerosis of the brain	1	1		1																	
Tumor of spinal cord	2		2		1												1				

64.	Cerebral hæmorrhage, apoplexy	374	188	186	43	47	14	17	18	22	17	23	12	12			84	65			16	9
65.	Softening of the brain	18	10	8	3	1		2	2			2	1				4	3			2	
66.	Paralysis without specified cause	5	3	2					2	1	1	1										
	Hemiplegia	5	3	2										1			3	1				
67.	General paralysis of the insane	4	4		1		1										2					
68.	Other forms of mental alienation																					
69.	Epilepsy	15	10	5			3	1		1			2	1			5	2				1
70.	Convulsions (nonpuerperal)																					
71.	Convulsions of infants	2	2								1						1					
72.	Chorea	1	1										1									
73.	Neuralgia and neuritis (neuritis)	1		1						1												
74.	Other diseases of the nervous system																					
	Abscess of brain	5	3	2					1				1				1	2				
	Tumor of brain	23	12	11			1		1	3	2		1				7	8			3	2
	Anemia of brain	1		1										1								
75.	Diseases of the eyes and their adnexa																					
76.	Diseases of the ears—																					
	Otitis media	9	7	2													7	2			3	1
III.	**Diseases of the Circulatory System.**																					
77.	Pericarditis	14	11	3	4								2				5	3			3	
78.	Acute endocarditis	35	24	11	5	2	1	2	2	2				1			16	4			2	1
79.	Organic diseases of the heart—																					
	(1) Valvular	481	279	202	48	40	25	30	24	33	35	26	17	17	5	1	125	55			26	7
	(2) Endocarditis, chronic	161	105	56	37	16	17	5	7	3	10	13	3	3	1		30	16			15	
	(3) Fatty heart	22	9	13	4	2	2	1	2	1		4		2			1	3			2	1
	(4) Myocarditis, chronic	329	192	137	46	31	23	11	13	21	17	14	11	12	3	1	79	47			10	4
80.	Angina pectoris	47	29	18	10	10	2		5	3	4		2	1	1		5	4			3	1
81.	Diseases of arteries, atheroma, aneurysm, etc.—																					
	(1) Aneurism of aorta	40	34	6	6	2	6		7	1	1		2				12	3				
	(2) Arterio-sclerosis	89	40	49	11	7	5	3	5	11	2	2	4	4			13	22			3	
82.	Embolism and thrombosis	23	11	12	1	1			1			3	1	2			8	6			2	
83.	Diseases of veins—																					
	Hæmorrhoids	1	1														1				1	
	Phlebitis	3		3				1				1						1				1
	Phlebitis (septicemia following)	1		1														1				
84.	Diseases of lymphatic system—																					
	Enlarged thymus (oper. shock)	1	1														1					
	Lymphangitis (septic from ulcerated tooth)	1	1														1				1	
	Status lymphaticus	1	1				1															
	Status thymicus (septic)	1	1														1					
85.	Hæmorrhage (other diseases of circulatory system)																					

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																		Non Resident	
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc							
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					M.	F.
IV. Diseases of the Respiratory System																							
86. Diseases of the nasal fossæ																							
87. Diseases of the larynx—																							
Acute laryngitis	3	2	1	1								1					1						
Tumor of larynx	1	1														1							
Edema of glottis	3	1	2													1	2					1	1
Spasm of glottis	1	1		1																			
88. Diseases of the thyreoid body—																							
Thyreoidism	3	2	1													2	1					2	1
Myxedema	1		1														1						
89. Acute bronchitis	50	28	22	9	11	3		4	2	5	3	3	4			4	2						
90. Chronic bronchitis	39	29	10	7		7	2	1	2	3	1	2	1			9	4					4	1
91. Bronchopneumonia	295	191	104	23	30	14	6	11	7	14	15	2	9			127	37					21	8
92. Lobar pneumonia	408	273	135	37	26	26	13	16	7	25	16	5	4	2		162	69					35	8
93. Pleurisy	44	30	14	6	1	2	1			2	1	1		1		18	11					2	2
94. Pulmonary congestion	2	1	1													1	1						
Hypostatic pneumonia	8	3	5						2	1	3					2						1	
95. Gangrene of the lung	1	1														1							
96. Asthma	4	3	1	1									1			2							1
97. Pulmonary emphysema																							
98. Other diseases respiratory system (tuberculosis excepted)																							
Abscess of lungs	4	4		1								1				2						1	
V. Diseases of the Digestive System.																							
99. Diseases of the mouth and adnexa—																							
Stomatitis (septicæmia following)	1		1		1																		
100. Diseases of the pharynx—																							
Tonsillitis (streptococcic infection)	3		3														3						

	Abscess tonsil (septicæmia foll.)	1	1															1				
	Phlegmonous pharyngitis	1	1															1			1	
	Ludwig's angina	2	1	1														1	1			
101.	Diseases of the œsophagus																					
102.	Ulcer of the stomach	36	24	12	4	2	2	4	1				1	1				16	5		3	
103.	Other diseases of stomach (cancer excepted)—																					
	Chronic gastritis	8	3	5	1	3	1			1								1	1		1	
	Dilatation stomach	1		1		1																
	Foreign body in stomach	1	1															1				
104.	Diarrhœa and enteritis (under 2 yrs.)																					
	Cholera infantum	2	2		1													1				
	Diarrhea	3	1	2	1	2																
	Enteritis	8	3	5		1		2			2							1	2			
	Entero-colitis	7	3	4	1			1						1				2	2		2	
	Gastro-enteritis	39	19	20	3	6	3	1			2	3	2	2				9	8		1	1
	Ileo-colitis	4	1	3		1					1			1					1			
105.	Diarrhœa and enteritis (2 years and over)—																					
	Enteritis	8	3	5		1	1	1	1			1	1					2			2	
	Entero-colitis	2	2															2			1	
	Gastro-enteritis	9	6	3	1							1						5	2			
	Duodenal ulcer	19	16	3		1												16	2		5	
106.	Ankylostomiasis																					
107.	Intestinal parasites																					
108.	Appendicitis	85	61	24	1	8	1				2		1					56	21		14	2
	(Operative shock)	4	2	2														2	2		1	
	(Operative sepsis)	1	1															1				
109[1]	Hernias	17	7	10		1						1		1				7	7		1	
	(Operative shock)	2	2															2			1	
109[2]	Intestinal obstructions	33	13	20		3				1		2		1				13	13		3	4
	(Operative shock)	4	1	3														1	3			1
	(Operative sepsis)	1		1															1			1
	Intussusception	6	2	4				1						2				2	1			
	Volvulus	3	2	1			1						1						1			
110.	Other diseases of the intestines (fecal fistula)	1		1															1			
	Ischiorectal abscess (pyemia fol.)	1	1															1				
	Dilatation colon	1		3															1			
	Gangrene intestines	1	1															1			1	
111.	Acute yellow atrophy of the liver	4	2	2		1												2	1		1	1
112.	Hydatid tumor of the liver	1		1		1																
113.	Cirrhosis of the liver	130	91	39	13	9	12	7	4		5	5	2	2	2			53	16		13	2
114.	Biliary calculi	12	6	6	1	1												5	5		3	
	(Operative shock)	2	1	1														1	1			
	(Operative sepsis)	1		1															1			

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District M.	1st District F.	2nd District M.	2nd District F.	3rd District M.	3rd District F.	4th District M.	4th District F.	5th District M.	5th District F.	En route to Hospital M.	En route to Hospital F.	Pub. Inst-'t'ns, hospitals, etc M.	Pub. Inst-'t'ns, hospitals, etc F.			Non Resident M.	Non Resident F.
115. Other diseases of the liver																					
Abscess of	3	3		1												2				1	
Inflammation of	2	1	1						1							1					
Catarrhal jaundice	2	1	1				1			1											
Cholecystitis	8	6	2													6	2			1	1
Empyema gall bladder	4	2	2		1											2	1			1	1
116. Diseases of the spleen																					
117. Simple peritonitis (nonpuerperal)																					
118. Other diseases of digestive system (excepting cancer, tuberculosis)																					
Hemorrhagic pancreatitis	6	3	3		1	1	1									2	1			1	
VI. Diseases of the Genito-Urinary System.																					
119. Acute nephritis	61	41	20	7	5	2	1	6	3	3	2	2	3			21	6			6	1
120. Bright's disease	679	413	266	67	64	35	17	35	37	30	41	20	19	6		220	88			67	15
121. Chyluria																					
122. Other diseases of the kidneys and adnexa—																					
Abscess of	1	1														1					
Tumor of	1	1														1					
(Operative shock)	1		1														1				1
Pyelitis	7	5	2			1							1			4	1				
Pyeloneprithis	6	4	2													4	2				
Pyonephrosis	13	10	3	1		1				2						6	3			3	2
Staphylococcic infection of	1		1						1												
123. Calculi of the urinary passages	3	3		1												2				3	
124. Diseases of the bladder (cystitis, chronic)	3	2	1							1						1	1				
Cystitis, streptococcic septicemia	1		1														1				

	Tumor of	1	1															1						
	Septic infection of	1	1									1												
125.	Diseases of the urethra, urinary abscess, etc. (recto-vesical fistula)	1	1															1						
126.	Diseases of the prostate (hypertrophy of)	17	17		1		1		2		3							10				1		
	(Operative shock)	3	3															3				1		
	Abscess of	1	1															1						
	Inflammation of (septicemia foll.)	1	1															1						
127.	Nonvenereal diseases male genital organs																							
128.	Uterine hæmorrhage (nonpuerperal)																							
129.	Uterine tumor (noncancerous)																							
	Fibro-myoma of	10		10		2													8					2
	(Operative shock)	4		4															4					2
130.	Other diseases of the uterus—																							
	Prolapse of	1		1			1																	
	Endometritis	1		1															1					
	Menopause	1		1										1										
	Pelvic cellulitis	2		2															2					
	Gangrene uterus	1		1															1					
131.	Cysts and other tumors of the ovary (cyst)	7		7															7					1
	cyst (operative shock)	2		2															2					1
132.	Salpingitis and other diseases of female genital organs (salpingitis)	20		20		1													19					4
133.	Nonpuerperal diseases of the breast (cancer excepted)—																							
	Mastitis (septicemia following)	1		1			1																	
	VII. The Peurperal State.																							
134.	Accidents of pregnancy—																							
	Abortion (spontaneous)	1		1															1					
	Abortion (self-induced)	2		2															2					1
	Miscarriage	2		2					1										1					1
	Extra uterine pregnancy	5		5		1													4					
	Pernicious vomiting	1		1			1																	
	Prolapse of uterus	1		1															1					
135.	Puerperal hæmorrhage—																							
	Placenta previa	4		4					1										3					
	Retained placenta	1		1															1					
	Post-partum	1		1															1					
136.	Other accidents of labor—																							
	Cesarian section	2		2															2					
	Difficult labor	2		2															2					
	Prolonged labor	1		1															1					

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

	Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																		Non Resident	
					1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc							
					M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					M.	F.
	Rupture of uterus	3		3														3						
	Shock following childbirth	1		1														1						
137.	Puerperal septicæmia	6		6														6						
138.	Puerperal albuminuria and convulsions	18		18														18						2
139.	Puerperal phlegmasia alba dolens, embolus, sudden death (embolism)	1		1						1														1
140.	Following childbirth (not otherwise specified)	1		1														1						
141.	Puerperal diseases of the breast																							
	VIII. Diseases of the Skin.																							
142.	Gangrene of leg	2		2		2																		
143.	Furuncle (pyemia following)	1	1														1							
	Carbuncle lip (septicemia foll.)	1	1		1																			
144.	Acute abscess—																							
	Of buttock	1	1														1							
	Multiple (pyemia foll.)	1	1														1							
	Streptococcic cellulitis	2	1	1	1													1						
145.	Other diseases of the skin and adnexa																							
	Erythema (septicemia foll.)	1		1				1																
	Impetigo (septicemia foll.)	1		1														1						
	Pemphigus (neonatorum)	1		1														1						
	Ulcer leg (septicemia foll.)	1		1									1											
	IX. Diseases of the Bones.																							
146.	Diseases of the bones (tuberculosis excepted)—																							
	Mastoiditis	6	4	2													4	2						1

	Mastoiditis (septicemia foll.)	3	3															3								
	Osteomyelitis, multiple	2	1	1														1	1							1
	Osteomyelitis (septicemia foll.)	2	2															2						1		
147.	Diseases of the joints (excepting tuberculosis and rheumatism—																									
	Abscess ankle (septicemia foll.)	1	1															1								
	Abscess knee (pyemia foll.)	1	1								1															
	Arthritis, chronic, multiple	1	1															1						1		
	Arthritis (septic)	1		1				1																		
148.	Amputations																									
149.	Other diseases of the organs of locomotion																									
	X. Malformations.																									
150[1]	Hydrocephalus	3	1	2							1							1	1							
150[2]	Congenital malformation of heart	32	15	17	3	1	2	1		1	3	3		1				7	10					1		
150[3]	Other congenital malformations—																									
	Imperforate anus	1	1		1																					
	(Operative sepsis)	1		1										1												
	Cleft palate	1	1															1								
	Hemiacephalus	1		1		1																				
	Microcephalus	1		1															1							
	Pyloric stenosis	2	1	1														1	1							
	Spina bifida	3	1	2		1					1								1							
	Enlarged thymus	2	1	1						1								1								
	Defect vascular system	1	1															1								
	XI. Diseases of Early Infancy.																									
151[1]	Premature birth	119	71	48	10	10	7	4			8	10	2	2				44	22					1		
151[2]	Congenital debility, "atrophy," "marasmus," etc.	15	11	4	3		2	3			4							2	1							
	Icterus neonatorum	1		1															1							
152[1]	Other diseases peculiar to early infancy																									
	Difficult labor	3	2	1									1	1				1								
	Instrumental delivery	13	10	3	3		1				2			1				4	2							
	Rupture spleen	1		1				1																		
	Strangulation, umbilical cord	1		1															1							
152[2]	Asphyxia neonatorum	4	2	2		1	1	1										1								
	Atelectasis neonatorum	27	14	13	1	3	2	1	2	1	5	2						4	6							
	Hemorrhagica neonatorum	11	4	7	1						1							2	7							
	Melena neonatorum	2	2		1													1								
	Hemorrhage umbilical cord	4	3	1	2	1												1								
	Infection umbilical cord	3	2	1	1					1								1								
	Septic pyelo-cystitis	1		1															1							
	Suffocation (in bed clothes)	1		1															1							

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc				Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.
153. Lack of care (exposure)	2	2		1								1									
XII. Old Age.																					
154. Senility	67	35	32	4	10	3	3	5	4	4	2		4			19	9				2
XIII. Affections Produced by External Causes.																					
155. Suicide by poison—																					
Arsenic	1	1														1					
Bi-chloride mercury	7	4	3	1		1						1				1	3				
Chloroform	3	2	1	1	1											1					1
Cresol	1	1				1															
Cyanide of potassium	7	6	1	1	1	2										3				1	
Lysol	2	1	1													1	1				
Morphine	1	1				1															
Phenol	1		1	1																	
Strychnine	5	5		1												4				1	
156. Suicide by asphyxia (illuminating gas)	70	48	22	19	9	12	5	5	1	3	1	5	1			4	5			4	2
157. Suicide by hanging or strangulation	11	11		7		1				1		1				1				2	
158. Suicide by drowning	9	8	1											8	1						
159. Suicide by firearms	86	77	9	20	4	8	1	7		4	1	4		6		28	3			7	1
160. Suicide by cutting or piercing instrument	11	11		3		3		1								4				1	
161. Suicide by jumping from a high place	8	2	6				1									2	5				1
162. Suicide by crushing (under train)	1	1								1											
163. Other suicides																					
164. Poisoning by food—																					
Ptomaines (eating peanuts)	1		1								1										

165.	Other acute poisonings—																						
	Alum (accidentally self-admin.)	1		1		1																	
	Belladonna (accidentally self-ad.)	1		1		1																	
	Chloroform (accidentally self-ad.)	1		1						1													
	Cresol (accidentally self-admin.)	1		1														1					
	Lysol (accidentally self-admin.)	1	1										1										
	Opium (accidentally self-admin.)	1	1													1					1		
	Potash (accidentally self-admin.)	1	1													1							
	Strychnine (accidentally self-ad.)	1		1														1					
	Unknown poison (accidentally self-administered)	1		1														1					1
166.	Conflagration (in burning building)	5	1	4												1		4					
167.	Burns (conflagration excepted)—																						
	Accidental ignition clothing—																						
	From bonfire	1	1													1							
	Playing with matches	3	1	2												1		2					
	From lighted candle	2	1	1												1		1					
	From lighted cigarette	1		1														1					1
	From spirit lamp	1		1		1																	
	From gas stove	2		2								1						1					
	Lighting fire kerosene	1		1														1					
	Explosion kerosene stove	1	1													1							
	Burns from burning asphalt	1	1													1							
	From boiling paraffine	1		1																			
	From escaping steam	1	1													1		1					
	From explosion distillate	1	1		1																		
	From exploding gasoline	1	1													1							
	From scalding soup	1		1														1					
	From scalding tea	1	1													1							
	From scalding water	3	1	2		1					1							1					
168.	Absorption of deleterious gases (conflagration excepted)—																						
	Illuminating gas (accidental)	82	66	16	16	7	21	4	3	1	10	2	1		2	2	13						
	Inhalation of smoke	1	1				1																
	Ether anesthesia	2	2														2					2	
	Nitrous oxide anesthesia	1		1		1																	1
	Inhalation chloroform fumes	1	1		1																		
	Inhalation cyanide fumes	3	3												3							2	
169.	Accidental drowning (Bay)	38	38												38								
	Pacific ocean	4	3	1											3	1							
170.	Traumatism by firearms	8	7	1			1	1							1		5					3	
171.	Traumatism by cutting or piercing instruments—																						
	By broken glass	1	1														1						
	Piercing abdomen	1	1														1						

TABLE NO. III—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District M.	1st District F.	2nd District M.	2nd District F.	3rd District M.	3rd District F.	4th District M.	4th District F.	5th District M.	5th District F.	En route to Hospital M.	En route to Hospital F.	Pub. Inst-'t'ns, hospitals, etc M.	Pub. Inst-'t'ns, hospitals, etc F.	Non Resident M.	Non Resident F.
172. Traumatism by fall—																			
From baby carriage	1	1								1									
Over balustrade	1	1														1			
From bed	2		2														2		
From bunker	1	1														1			
From chair	5	1	4		1								1			1	2		
From chimney	1	1														1			
Over cliff	1	1										1							
From derrick	2	2														2		2	
From electric light pole	1	1												1					
On floor	14	3	11				1		1		3		1			3	5		
From high-chair	1	1														1			
From ladder	4	4														4			
On pavement	17	11	6								1					11	5	1	
From plank	1	1														1			
From platform	2	2														2			
From R. R. trestle	1	1				1													
From scaffold	9	9								1						8		1	
From scaffold (defective)	1	1														1			
Into hold of ship	2	2												1		1			
Thru skylight	2	1	1													1	1		
From sliding-board	1	1														1			
From sliding-pole	1	1														1			
Down stairs	17	14	3					1	1			1				12	2		
From swinging rings	1	1												1				1	
Fall against stove	1		1														1		
From wall	1	1														1			
From window	11	7	4	1			1									6	3		1
Nature unknown	3	2	1													2	1		

173.	Traumatism in mines and quarries—																							
	Delayed shot in tunnel	3	3											2				1						
	Falling timber in tunnel	1	1											1										
	Fall in mine	1	1															1				1		
	Fracture spine in mine	1	1															1				1		
	By falling rock in quarry	1	1															1						
174	Traumatism by machines—																							
	Crushed by elevator	7	6	1	1		1	1								1		3						
	Caught in gasoline engine	1	1															1						
	Caught in gear-wheel	1	1															1				1		
	Crushed by crank-shaft	1	1													1								
	Struck by pulley-block	1	1															1						
	Struck by traveling crane	2	2				1											1						
	Recoil of car-spring	1	1								1													
	Boiler explosion	1	1															1				1		
175[1]	Railroad accidents and injuries—																							
	Run over by locomotive	2	2															2						
	Struck by locomotive	2	2															2				2		
	Fall from box-car	1	1															1						
	Fall from moving train	1	1															1						
	Run over by freight car	3	3													1		2				2		
	Run over by train	5	5		1		2											2						
	Crushed between freight cars	1	1															1				1		
	Crushed by overturning freight car	1	1															1				1		
175[2]	Street car accidents and injuries—																							
	Struck by cable car	1		1															1					
	Fall from cable car	1		1															1					
	Fall from electric car	2		2															2					
	Run over by electric car	3	3		1											1		1						
	Struck by electric car	23	22	1							2					1		19	1					
	Crushed between electric cars	2	2					1										1						
	Struck by falling car seat	1	1											1										
	Collision bet. elec. car and wagon	1	1					1																
175[3]	Automobile accidents and injuries—																							
	Run over by auto	11	11													1		10				1		
	Struck by auto	53	38	15	1										1		2	37	12			2	2	
	Crushed by overturning auto	2		2															2				1	
	Hurled from auto	1		1															1					
	Collision between autos	1	1															1				1		
	Collision auto and buggy	1		1						1														
	Collision auto and electric car	1		1															1					
	Collision auto and train	1	1															1						
	Collision auto with pole	2	1	1							1							1						
	Collision auto with hydrant	1	1															1						

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc				Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.
175[4] Injuries by other vehicles—																					
Fall from bicycle	2	2												1		1				1	
Struck by motorcycle	2	2				1										1					
Crushed by overturning motorcycle	1	1														1					
Collision motorcycle with auto	1	1														1					
Run over by truck	8	6	2	1										1		4	2				
Run over by wagon	2	1	1													1	1				
Fall from wagon	7	7								1				1		5					
Thrown from wagon	3	3														3				2	
Struck by wagon	2	2														2					
Crushed between brake and wheel	1	1														1					
175[5] Landslides—other crushing—																					
Crushed by caving earth	5	5												1		4				1	
Struck by falling freight	1	1														1					
Crushed by falling lumber	2	2		1												1				1	
Crushed by falling timber	7	7				1									6	5				5	
Crushed by lumber crates	1	1														1					
Crushing chest—manner unknown	1	1														1					
176. Injuries by animals—																					
Kicked by bull	1	1														1				1	
Kicked by horse	1	1														1				1	
Fall from horse	1	1														1					
Struck by runaway horses	1	1														1					
177. Starvation																					
178. Excessive cold																					
179. Effects of heat																					
180. Lightning																					

181.	Electricity (lightning excepted)—																								
	Accidental electrocution	4	4									2		1		5		4				2			
182.	Homicide by firearms	33	21	12	5	6	1	1				2		1		5		7	5			4	1		
183.	Homicide by cutting or piercing instruments	5	4	1	1											1		2	1			1			
184.	Homicide by other means—																								
	By blows	5	5						1							1		3							
	By blows (in fist fight)	2	2															2				1			
	By strangulation	1		1		1																			
	By illuminating gas	4	1	3	1	3																			
	By bomb explosion	9	7	2			1											6	2			5	2		
	By criminal abortion	3		3			1												3				1		
185.	Fractures—																								
	Spine (dive while swimming)	2	2															2				1			
	Skull (manner unknown)	3	3									1						2				1			
	Tibia (manner unknown)	1	1															1							
186.	Other injuries—																								
	Perforation chest (fall on picket fence)	1	1															1							
	Traumatic cerebral hemorrhage (manner unknown)	1	1															1							
	Explosion oxygen tank	2	2				1									1									
	XIV. Ill-Defined Diseases.																								
187.	Ill-defined organic disease																								
188.	Sudden death																								
189[1]	Cause of death ill-defined																								
189[2]	Cause of death not specified, or unknown—																								
	Decomposed remains	4	4		1		2									1									

TABLE No. IV.

NATIVITIES OF DECEDENTS, FISCAL YEAR 1916 1917.

San Francisco	1169
Other Parts of California	936

Other States and Territories.

Alabama	10
Alaska	4
Arizona	7
Arkansas	3
Colorado	11
Connecticut	23
Delaware	1
District of Columbia	6
Florida	5
Georgia	9
Territory of Hawaii	9
Idaho	2
Illinois	104
Indiana	40
Indian Territory	.....
Iowa	43
Kansas	9
Kentucky	38
Louisiana	32
Maine	59
Maryland	18
Massachusetts	159
Michigan	43
Minnesota	20
Mississippi	13
Missouri	99
Montana	.....
Nebraska	15
Nevada	37
New Hampshire	12
New Jersey	33
New Mexico	1
New York	316
North Carolina	10
North Dakota	.....
Ohio	117
Oklahoma	1
Oregon	29
Pennsylvania	114
Rhode Island	11
South Carolina	3
South Dakota	2
Tennessee	18
Texas	16
Utah	7
Vermont	23
Virginia	26
Washington	19
West Virginia	11
Wisconsin	47
Wyoming	.....
Totals	1635

Foreign Countries.

Africa	1
Austria	92
Australia	20
Belgium	14
Canada	118
Central America	5
China	199
Denmark	51
East Indies	2
England	225
Finland	35
France	139
Germany	623
Greece	29
Holland	6
Hungary	15
India	7
Ireland	800
Italy	276
Japan	31
Mexico	60
New Brunswick	14
Newfoundland	3
New Zealand	2
Norway	54
Nova Scotia	18
Philippines	10
Porto Rico	6
Portugal	32
Roumania	7
Russia	92
Scotland	97
South Africa	1
South America	15
Spain	23
Sweden	147
Switzerland	52
Turkey	11
Wales	12
West Indies	6
Totals	3350
At Sea	2
Unknown	202

TABLE No. V.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS, ETC.—FISCAL YEAR ENDING JUNE 30, 1917.

Location	Grand Totals	Males	Females
Deaths from all Causes	7294	4580	2714
Sanitary Districts.			
First	1284	729	555
Second	610	373	237
Third	517	253	264
Fourth	630	347	283
Fifth	346	172	174
Totals	3387	1874	1513
Hospitals and Institutions under Control of Board of Health			
San Francisco Hospital (General)	674	492	182
Tuberculosis Hospital	282	240	42
Isolation Hospital	86	61	25
Emergency Hospitals—			
Central	238	202	36
Harbor	38	35	3
Mission	34	25	9
Park	18	13	5
Potrero	9	8	1
Smallpox Hospital	....	....	....
Leper Hospital	1	1	....
Relief Home Aged and Infirm	270	208	62
Jails and Prisons	3	2	1
Totals	1653	1287	366
Other Hospitals, Sanatoria, Homes and Asylums.			
Adler Sanatorium	25	10	15
Alexander Maternity Hospital	4	1	3
Ambero Hospital	1	1	....
Bering Sanatorium	3	1	2
Boult Sanatorium	1	....	1
Buell Sanatorium	1	1	....
Buena Vista Sanatorium	58	34	24
Children's Hospital	108	55	53
Fairmont Hospital	68	49	19
French Hospital	109	72	37
German Hospital	155	104	51
Hahnemann Hospital	52	33	19
Hebrew Home Aged Disabled	8	6	2
Home Aged (Little Sisters of the Poor)	53	27	26
Home for Incurables	8	2	6
Irving Sanatorium	1	1	....
Ladies' Protection and Relief Society	1	....	1
Lane Hospital	171	111	60
Mary's Help Hospital	120	68	52

TABLE No. V.—Continued

Location	Grand Totals	Males	Females
Morton Hospital	13	8	5
Mount Zion Hospital	105	64	41
Neal Institute	2	2	....
Nursery Homeless Children	1	1	....
Old Ladies Home (Lick)	3	....	3
Old Ladies' Home (Prot. Episc.)	4	....	4
Old People's Home	20	6	14
Pacific Hebrew Home	4	3	1
Park Sanatorium	....	....	....
Robinson Sanatorium	....	....	....
Roman Catholic Orphan Asylum	1	1	....
St. Francis Hospital	150	82	68
St. Joseph's Hospital	151	74	77
St. Luke's Hospital	186	97	89
St. Mary's Hospital	155	92	63
St. Winifred Hospital	26	20	6
S. P. Rialroad Hospital	88	86	2
St. Catherine's Home	8	....	8
California Hospital	92	51	41
Union Iron Works Hospital	14	14	....
Wakefield Sanatorium	6	2	4
Ward (Florence) Hospital	18	6	12
P. P. I. E. Hospital	1	1	....
Totals	1995	1181	814
United States Institutions.			
U. S. Marine Hospital	46	46	....
Letterman General (Army)	88	78	10
Presidio Reservation	3	1	2
Yerba Buena Island Naval Station	5	5	....
Fort Winfield Scott	1	....	1
Fort Mason	1	1	....
Totals	144	131	13
En route to Hospital	52	49	3
Bay of San Francisco	38	38	....
Pacific Ocean	3	2	1
On Vessels in Bay, etc.	12	10	2
Golden Gate and other Parks	10	8	2
Totals	115	107	8

TABLE VI.

REPORT OF INTERMENTS, CREMATIONS AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1916-1917

TO	1916						1917						TOTALS
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
San Francisco Cemeteries													
Calvary Receiving Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
I. O. O. F. Rec. Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
I. O. O. F. (For Cremation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
Masonic Vault	11	7	9	12	10	9	14	13	15	8	10	14	132
National Presidio	0	0	0	0	0	0	0	0	0	0	0	0	0
U. S. Marine Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0
Yerba Buena Island													
San Mateo County Cemeteries													
Cypress Lawn (Interments)	77	70	70	73	90	101	89	85	78	97	82	70	982
Cypress Lawn (Cremations)	50	39	56	56	61	87	85	65	69	60	56	64	748
Eternal Home	3	2	2	4	4	4	1	4	3	3	4	4	38
Green Lawn	6	1	8	4	9	16	15	2	7	7	7	4	86
Hills of Eternity	4	4	8	5	4	11	6	5	6	2	3	6	64
Holy Cross	159	145	141	158	151	215	201	182	164	202	175	159	2052
Home of Peace	2	7	9	2	10	8	4	4	5	3	4	2	60
Italian	26	34	24	22	33	33	40	47	43	28	23	35	388
Japanese	1	1	0	0	1	2	1	1	0	1	1	0	9
Mt. Olivet	49	66	63	59	73	76	71	73	72	46	56	59	763
Salem	7	5	10	13	12	13	13	16	9	8	8	9	123
San Mateo—Indigent	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo—Chinese	17	12	17	22	22	20	24	20	30	23	15	12	234
Servian	1	1	1	1	0	0	0	2	0	1	2	1	10
Sunset—Indigent	31	31	36	36	45	74	68	56	66	60	60	53	611
Woodlawn	6	8	7	4	8	9	5	8	4	11	3	16	89
Medical Colleges	16	13	15	12	19	11	24	3	7	2	9	5	136
Outside Points	67	73	53	58	64	85	93	71	66	75	86	66	857
Mt. Olivet—Cremations	13	18	18	13	19	21	13	19	30	22	16	16	218
Total	546	537	547	554	635	795	762	676	674	659	620	595	7500
No. of Indigent Dead Interred	39	41	41	51	59	89	63	69	82	72	66	58	730

TABLE VII.

REPORT OF DISINTERMENTS AND REMOVAL PERMITS ISSUED DURING FISCAL YEAR 1916-1917.

CEMETERIES	1916						1917						Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	
DISINTERMENTS FROM.													
Calvary Cemetery	18	15	17	10	26	3	14	15	22	9	3	9	161
City Cemetery	0	0	0	0	4	0	0	0	0	0	1	0	5
I. O. O. F. Cemetery (Bodies).	15	5	8	10	2	10	8	9	6	8	1	12	94
I. O. O. F. Cemetery (Ashes)	0	0	0	0	1	0	0	0	0	0	0	0	1
Laurel Hill Cemetery	5	4	3	11	9	2	5	1	1	1	4	8	54
Masonic Cemetery	2	1	1	5	6	2	0	3	7	4	5	2	38
Mission Dolores Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National (Presidio) Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
U. S. Marine Hospital Cem	0	0	0	0	0	0	0	0	0	0	0	0	0
Cooper Medical College	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	40	25	29	36	48	17	27	28	36	22	14	31	353
REMOVALS TO													
Cypress Lawn Cemetery	2	1	6	11	4	3	4	3	4	3	7	13	61
Eternal Home Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Lawn Cemetery	5	0	0	0	0	1	6	0	0	0	0	0	12
Hills of Eternity Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Holy Cross Cemetery	18	19	18	11	14	5	10	15	18	9	3	13	153
Home of Peace Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Italian Cemetery	0	0	0	0	5	0	0	0	0	0	1	4	10
Japanese Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Mt. Olivet Cemetery	2	0	2	7	6	8	2	3	5	6	0	0	41
Salem Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo (Chinese) Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunset Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National, S. F. Cemetery	0	1	0	0	0	0	0	0	0	0	0	0	1
Woodlawn Cemetery	10	3	2	1	6	0	0	0	0	2	1	0	25
I. O. O. F. Crematory	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Cemetery (Ashes)	0	0	0	0	0	0	0	0	0	0	0	0	0
Masonic Cemetery (Ashes)	0	0	0	0	0	0	0	0	0	0	0	0	0
To Homes (Incinerated Ashes)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cal. Interior (Bodies)	3	1	0	6	13	0	5	7	9	2	2	1	49
Cal. Interior (Ashes)	0	0	0	0	0	0	0	0	0	0	0	0	0
Other States	0	0	1	0	0	0	0	0	0	0	0	0	1
Total	40	25	29	36	48	17	27	28	36	22	14	31	353
Fees collected	$10.00		$10.00		$10.00			$10.00					$40.00

Report of Chief of Police

REPORT OF D. A. WHITE, CHIEF OF POLICE, OF THE CITY AND COUNTY OF SAN FRANCISCO FOR THE FISCAL YEAR ENDING JUNE 30, 1917.

To the Honorable James Rolph, Jr.,

Mayor of the City and County of San Francisco,
State of California.

Sir:—In compliance with Section 9, Article XVI, of the Charter, I submit herewith the Annual Report of the Police Department for the fiscal year ending June 30, 1917.

Very respectfully,

D. A. WHITE,
Chief of Police.

EXHIBIT "A"

STRENGTH OF THE POLICE DEPARTMENT AND SUMMARY OF ACTION TAKEN BY THE BOARD OF POLICE COMMISSIONERS IN THE TRIAL OF COMPLAINTS AGAINST MEMBERS THEREOF DURING THE FISCAL YEAR ENDING JUNE 30th, 1917.

BOARD OF POLICE COMMISSIONERS JUNE 30th, 1917.

Theodore J. Roche.....Commissioner and President of the Board
James Woods .....Commissioner
Jesse B. Cook.....Commissioner
Thomas E. Shumate.....Commissioner

CHARLES F. SKELLY, Secretary.

NUMERICAL STRENGTH AND RANK OF THE DEPARTMENT AND THE ANNUAL SALARY ATTACHED TO EACH, JUNE 30th, 1917

4	Police Commissioners, each	$1,200.00
1	Secretary to Commissioners	1,500.00
1	Stenographer to Commissioners	1,800.00
1	Police Surgeon	1,500.00
1	Chief of Police	4,000.00
1	Captain of Detectives	3,000.00
9	Captains of Police, each	2,400.00
1	Chief Clerk	2,400.00
1	Property Clerk	2,400.00
18	Lieutenants of Police, each	1,920.00
25	Detective Sergeants, each	1,800.00
73	Sergeants of Police, each	1,680.00
52	Corporals of Police, each	1,560.00
794	Patrolmen, each	1,464.00
3	Engineers on Patrol Boat, each	1,500.00
26	Patrol Wagon Drivers, each	1,440.00
9	Hostlers, each	1,140.00
1	Prison Cook	1,200.00
4	Prison Matrons, each	1,080.00
4	Telephone Operators, each	1,020.00
3	Police Protective Women, each	1,200.00
2	Stenographers, each	1,200.00
1	Photographer	1,800.00

APPOINTMENTS AND REMOVALS DURING THE YEAR ENDING JUNE 30, 1917.

Police Officers, Died	12
Police Officers, Dismissed	1
Police Officers, Retired	4
Police Officers, Appointed	26
Police Officers, Resigned	3
Stenographers, Dismissed	1
Stenographers, Transferred	1
Stenographers, Appointed	2
Patrol Wagon Drivers, Died	1
Hostlers, Died	1
Clerk, Resigned	1
Photographers, Appointed	1

ACTION TAKEN BY THE BOARD IN TRIAL OF MEMBERS OF THE DEPARTMENT ON CHARGES DURING THE YEAR ENDING JUNE 30th, 1917.

Number of complaints filed	29
Number of complaints sustained by dismissal from department	1
Number of complaints sustained by fine	5
Number of complaints sustained by reprimand	6
Number of complaints dismissed	17
Aggregate amount of fines	$250.00

EXHIBIT "B"

BUREAU OF PERMITS AND REGISTRATION

RETAIL LIQUOR DEALERS

Total number of licensed places June 30, 1916		1978	
Total number of new permits granted		0	
			1978
Applications withdrawn	195		
Applications refused	21		
Applications renewal	7546		
Applications to remove	64		
Applications to purchase	321		
Total number of applications received during the fiscal year ending June 30, 1917	8147		
Permits revoked		92	
Retired from business		16	
			108
Total number of licensed places June 30, 1917			1870
Straight saloons		1422	
Restaurants		139	
Saloons and Restaurants		98	
Boarding House and Bar		43	
Hotels		11	
Hotel and Bar		120	
Sealed Packages		13	
Ferry Boats		15	
Billiard Halls		4	
Bowling Alleys		3	
Bath Houses		2	
			1870

VIOLATION OF LIQUOR LICENSE LAW.

Cases pending June 30, 1916		2	
Number dismissed	2		
Reserve calendar	0		
Arrests during the fiscal year June 30, 1917		79	
Number of cases dismissed	69		
Number of convictions	3		
Number of cases pending	7		
		79	
Amount of fines paid after conviction	$450.00		

ARRESTS FOR PEDDLING WITHOUT A LICENSE.

Cases pending June 30, 1916		0	
Number dismissed		0	
Arrests made during the fiscal year ending June 30, 1917		24	
Number of cases dismissed	23		
Convicted and O. R.	1		
Convicted and fined	0		
Convicted and sent to Jail	0		
Cases pending	0		
		24	

AUCTIONEERS.

Total number of licensed places June 30, 1916		35	
Total number of new permits granted during the fiscal year ending June 30, 1917		5	
			40
Applications withdrawn	0		
Applications refused	0		
Permits revoked	3		
Retired from business		3	
			6
Total number of licensed places June 30, 1917			34

Net loss 1

INTELLIGENCE OFFICE KEEPERS.

Total number of licensed places June 30, 1916		45	
Total number of new permits granted during the fiscal year ending June 30, 1917		2	
			47
Applications withdrawn	0		
Applications refused	0		
Permits revoked	0		
Retired from business		4	
			4
Total number of licensed places June 30, 1917			43

Net loss 2.

PAWN BROKERS.

Total number of licensed places June 30, 1916		44	
Total number of new permits granted during the fiscal year ending June 30, 1917		6	
			50
Applications withdrawn	1		
Applications refused	0		
Permits revoked	0		
Retired from business		2	
			2
Total number of licensed places June 30, 1917			48

Net gain 4.

SECOND HAND AND JUNK DEALERS.

Total number of licensed places June 30, 1916		331	
Total number of new permits granted during the fiscal year ending June 30, 1917		79	
			410
Applications withdrawn	6		
Applications refused	13		
Permits revoked	3		
Retired from business		65	
Total number of licensed places June 30, 1917			342

Net gain 11.

KINETOSCOPES.

Total number of licensed places June 30, 1916		81	
Total number of new permits granted during the fiscal year ending June 30, 1917		8	
			89
Applications withdrawn	1		
Applications refused	0		
Permits revoked	0		
Retired from business		7	
			7
Total number of licensed places Sept. 16, 1916			82

Net gain 1.

(Ordinance giving power to the Board of Police Commissioners to grant permits, rescinded September 16th, 1916.)

MOVING PICTURE EXHIBITIONS.

Total number of licensed places June 30, 1916		14	
Total number of new permits granted during the fiscal year ending June 30, 1917		0	
			14
Applications withdrawn	0		
Applications refused	0		
Permits revoked	0		
Retired from business		0	
			0
Total number of licensed places Sept. 16th, 1916			14

(Ordinance giving power to the Board of Police Commissioners to grant permits, rescinded September 16th, 1916.)

PANORAMAS.

Total number of licensed places June 30, 1916		1	
Total number of new permits granted during the fiscal year ending June 30, 1917		0	
Total number of licensed places Sept. 16, 1916			1

(Ordinance giving power to the Board of Police Commissioners to grant permits, rescinded September 16th, 1916.)

MUSEUM.

Total number of licensed places June 30, 1916		1	
Retired from business		0	
Total number of licensed places Sept. 16, 1916			1
(Ordinance giving power to the Board of Police Commissioners to grant permits, rescinded September 16th, 1916.)			

SKATING RINKS.

Total number of licensed places June 30, 1916		0	
Total number of licensed places Sept, 16th, 1916			0
(Ordinance giving power to the Board of Police Commissioners to grant permits rescinded on September 16th, 1916.)			

SHOOTING GALLERIES.

Total number of licensed places June 30, 1916		12	
Total number of permits granted during the fiscal year ending June 30, 1917		7	
			19
Applications withdrawn	0		
Applications refused	3		
Permits revoked	0		
Retired from business		1	
			1
Total number of licensed places June 30th, 1917			18
Net gain 6.			

CARRYING CONCEALED WEAPONS.

Total number of licenses out June 30, 1916		49	
Total number of aplications received during the fiscal year ending June 30, 1917		3	
			52
Applications withdrawn	0		
Total number of applications granted during the fiscal year ending June 30, 1917			52
Net gain 3.			

LICENSED GUIDES.

Total number of licensed guides June 30, 1916		11	
Total number of new permits granted during the fiscal year ending June 30, 1917		2	
			13
Applications withdrawn	0		
Applications refused	0		
Permits revoked	0		
Retired from business		6	
			6
Total number of licensed guides June 30, 1917			7
Net loss 4.			

ONE DAY LIQUOR DEALERS.

Total number of applications granted during the fiscal year ending June 30, 1917		354	
Total number of applications received during the fiscal year ending June 30, 1917		507	
Applications withdrawn	1		
Total number of applications granted during the fiscal year ending June 30, 1917			506

Net gain 152.

PEDDLERS.

Total number of aplications received during the fiscal year ending June 30, 1917		1549	
			1549
Applications withdrawn	30		
Applications refused	0		
			30
Total number of permits granted			1519

JUNK GATHERERS.

Total number of licensed junk gatherers June 30, 1916		274	
Total number of new permits granted during the fiscal year ending June 30, 1917		148	
			422
Applications withdrawn	0		
Applications refused	0		
Retired from business		85	
			85
Total number of licensed junk gatherers June 30, 1917			337

Net gain 63.

SOLICITORS.

Total number of licensed solicitors June 30, 1916		59	
Total number of new permits granted during the fiscal year ending June 30, 1917		34	
			93
Applications withdrawn	0		
Applications refused	0		
Retired from business		44	
			44
Total number of licensed solicitors June 30, 1917			49

Net loss 10.

DRIVERS.

Total number of licensed drivers June 30, 1916		34	
Total number of applications received during the fiscal year ending June 30, 1917		5	
Total number of licensed drivers June 30, 1917			5

Net loss 34.

BILLIARD PARLORS.

Total number of licensed places June 30, 1916		378	
Total number of new permits granted during the fiscal year ending June 30, 1917		52	
			430
Applications withdrawn	6		
Applications refused	16		
Permits reboked	2		
Retired from business		67	
			69
Total number of licensed places June 30, 1917			361

Net loss 17.

SPECIAL POLICE OFFICERS.

Total number of special police officers June 30, 1916		1199	
Total number of new applications granted during the fiscal year ending June 30, 1917		367	
			1566
Applications refused	0		
Appointments revoked		616	
			616
Total number of special police officers June 30, 1917			950

SEALED PACKAGE LIQUOR DEALERS.

Total number of sealed package liquor dealers June 30, 1916		2048	
Total number of new permits granted during the fiscal year ending June 30, 1917		490	
			2538
Applications renewed	1654		
Applications withdrawn	10		
Permits revoked	10		
Retired from business		463	
			463
Total number of sealed package liquor dealers June 30, 1917			2065

Net loss 17.

AVIATORS.

Total number of licensed aviators June 30, 1916	0	
Total number of new permits granted during the fiscal year ending June 30, 1917	2	
Retired from business	1	
Total number of licensed aviators June 30, 1917		1

DANCE HALLS.

Total number of licensed places June 30, 1916		126	
Total number of new permits granted during the fiscal year ending June 30, 1917		23	
			149
Applications withdrawn	6		
Applications refused		13	
Permits revoked		3	
Permits refused on renewal		13	
Retired from business		16	
			32
Total number of licensed places June 30, 1917			117

Net loss 9.

MERRY-GO-ROUNDS.

Total number of licensed places June 30, 1916		0	
Total number of new permits granted during the fiscal year ending June 30, 1917		3	
			3
Applications withdrawn	0		
Applications refused	0		
Retired from business		1	
			1
Total number of licensed places June 30, 1917			2

JITNEY BUS OWNERS.

Total number of licensed jitney bus owners June 30, 1916		655	
Total number of new permits granted during the fiscal year ending June 30, 1917		590	
			1245
Applications refused	0		
Permits revoked		219	
Retired from business		509	
			728
Total number of jitney bus owners June 30, 1917			517

Net loss 38.

JITNEY BUS OPERATORS

Total number of licensed jitney bus owners June 30, 1916		1146	
Total number of permits granted during the fiscal year ending June 30, 1917		976	
			2122
Applications refused	0		
Permits revoked		289	
Retired from business		1316	
			1605
Total number of jitney bus operators June 30th, 1917			517

Net loss 629.

MOTORMEN.

Total number of licensed motormen June 30, 1916		2804	
Total number of applications received during the fiscal year ending June 30, 1917		1428	
			3244
Applications withdrawn	0		
Applications refused	0		
Permits revoked		23	
Retired from business		1843	
			1866
Total number of licensed motormen June 30, 1917			1378

Net loss 1426.

EXHIBIT "C"

POLICE STATIONS AND THEIR LOCATIONS

Names of Station	Company	Location
Central Police Station	"A"	Hall of Justice, Washington Street
Southern Police Station	"B"	360 Fourth Street, corner Clara
Harbor Police Station	"C"	N. E. Drumm and Commercial Street
Mission Police Station	"D"	3057 Seventeenth Street
Bush Street Police Station	"E"	1422 Bush Street
Golden Gate Park Police Station	"F"	Golden Gate Park opposite Waller St.
Richmond Police Station	"G"	451 Sixth Avenue
Ingleside Police Station	"H"	Balboa Park
Potrero Police Station	"I"	2300 Third Street, corner 20th Street
Bay View Police Station, sub-station	"I"	1676 Newcomb Avenue
North End Police Station	"J"	2453 Greenwich Street

EXHIBIT "D"

COMPARATIVE STATEMENT OF THE NUMBER OF ARRESTS AND STRENGTH OF THE POLICE FORCE FOR THE THIRTY-SEVEN YEARS ENDING JUNE 30, 1917.

Years	Number of Officers	Number of Arrests
1878-1879	329	22,120
1879-1880	340	21,063
1880-1881	400	23,011
1881-1882	400	25,969
1882-1883	400	24,149
1883-1884	400	25,591
1884-1885	400	24,432
1885-1886	406	26,587
1886-1887	406	23,805
1887-1888	406	29,466
1888-1889	406	23,462
1889-1890	406	23,549
1890-1891	406	24,528
1891-1892	456	28,417
1892-1893	456	25,987
1893-1894	456	25,824
1894-1895	482	25,960
1895-1896	557	30,462
1896-1897	559	29,168
1897-1898	559	28,013
1898-1899	559	27,769
1899-1900	588	26,485
1900-1901	588	27,362
1901-1902	607	28,482
1902-1903	643	29,336
1903-1904	671	36,208
1904-1905	707	33,893
*1905-1906	708	878
1906-1907	759	27,013
1907-1908	802	38,738
1908-1909	817	34,336
1909-1910	846	29,855
1910-1911	935	32,914
1911-1912	944	35,594
1912-1913	946	37,333
1912-1914	974	38,615
1914-1915	978	44,131
1915-1916	985	51,430
1916-1917	990	47,809

* Records of 1905-1906 were destroyed by fire except from April 18th, to July 1st, 1906.

EXHIBIT "E"

PATROL WAGON SERVICE.

Number of Runs	29,126
Number of Miles Traveled	61,611
Prisoners Brought to Station	31,613
Fires Attended	1,123
Sick and Injured Taken to Hospital	3,058
Insane Persons Cared for	370
Lost Children Restored to Parents	280
Emergency Runs	144
False Alarms, Fires, etc.	517

EXHIBIT "F"

SUBPOENAS SERVED.

Superior Court	2,175
Police Court	3,726
Coroner	2,968
Grand Jury	90
Police Commission	167
Foreign	38

EXHIBIT "G"

REPORT OF POLICE COURT APPEALS TO SUPERIOR COURT AND DISPOSITION OF SAME FOR THE FISCAL YEAR ENDING JUNE 30, 1917.

Appeals pending June 30, 1916		14
Appeals filed during the fiscal year ending June 30, 1917		39
Judgments affirmed	11	
Judgments reversed	24	
Judgments modified	3	
Reserve Calendar	1	
Appeals Pending June 30, 1917	14	
	53	53

RECORD OF POLICE COURT FINES AND FORFEITURES FOR THE FISCAL YEAR ENDING JUNE 30, 1917.

Police Court, Department No. 1	$ 3,917.00
Police Court Department No. 2	5,271.00
Police Court, Department No. 3	4,887.00
Police Court, Department No. 4	3,411.00
	$17,486.00

EXHIBIT "H"

LETTERS AND TELEGRAMS RECEIVED AND SENT OUT AND WARRANTS RECEIVED DURING THE FISCAL YEAR ENDING JUNE 30, 1917.

Number of Letters received	4,024
Number of Letters sent out	6,036
Warrants received	4,834

EXHIBIT "I"

REPORT OF DETECTIVE BUREAU SHOWING THE ESTIMATED VALUE OF LOST OR STOLEN PROPERTY AND OF PROPERTY RECOVERED DURING THE FISCAL YEAR ENDING JUNE 30, 1917.

Burglaries	3681	
Attempt Burglaries	194	
Robberies	593	
Attempt Robberies	82	
Grand Larcenies	845	
Petit Larcenies	2796	
Embezzlements	99	
Bogus Checks	723	
Lost Property	1306	
Found Property	558	
Automobiles Stolen or Driven Away		1091
Automobiles Recovered	1000	
Automobiles not Recovered to date	91	
		1091
Missing People Reported		936
Missing People Located	834	
Missing People not Located	102	
		936
Telegrams Received	1469	
Telegrams Sent Out	1277	
Property Loss by Crime		$216,216.00
Property Loss by Bogus Checks		79,475.00
Property Loss by Lost Property		40,621.58
Property Recovered by Pawnshop Detail		80,032.50
Property Recovered by other sources		82,012.05
Total amount of loss by crime		216,216.86
Total amount recovered		162,044.55
Total amount unrecovered		$ 54,172.31

EXHIBIT "J"

REPORT OF BUREAU OF IDENTIFICATION—PHOTOGRAPHS AND DESCRIPTIONS OF CRIMINALS ON HAND JUNE 30, 1917.

Prisoners measured and photographed	879
Finger Prints taken	13,711
Identifications made	1,003
Prior convictions furnished District Attorney	611
Photographs received from other departments	8,158
Finger Prints received from other departments	4,354
Photographs sent to other departments	13,100
Finger Prints sent to other departments	12,000
Letters written from the Bureau	163
Letters received and acted upon	696
Circulars mailed from the Bureau	19,400
Circulars received from other departments	1,453
Photographs, etc., sent to Detective Publishing Co.	67
Photographs with descriptions on hand	124,633
Local photographs	897

Photographs with descriptions, on hand June 30, 1917	124,633	
Local photographs on hand	879	
Photographs received from other departments	8,158	
Total on hand		133,670
Total Finger Prints on hand this date	30,425	

EXHIBIT "K"

NUMBER OF GIRLS AND WOMEN REPORTED MISSING, RETURNED TO THEIR HOMES OR ARRESTED DURING THE FISCAL YEAR ENDING JUNE 30, 1917.

Number of girls and women reported missing (local)	129	
Number of girls and women reported missing (outside)	63	
		192
Number of girls and women located (local)	164	
Number of girls and women located (outside)	28	
		192
Number of girls and women sent home	95	
Number sent to Detention Home	97	
		192

Statement of the amount of money received and paid into the Treasury, for the services of police officers, detailed at various places of amusement, etc., under Section XII, of Chapter X, of the Charter, during the fiscal year ending June 30, 1917, as per Treasurer's receipt on file.

1916—July	$ 15.00
August	22.50
September	85.00
October	70.00
November	87.50
December	87.50
1917—January	107.50
February	120.00
March	80.00
April	95.00
May	55.00
June	57.50
Total	$882.50

STATEMENT OF THE AMOUNTS DEDUCTED BY THE HONORABLE BOARD OF POLICE COMMISSIONERS FROM AWARDS OF POLICE OFFICERS FOR THE FISCAL YEAR ENDING JUNE 30, 1917.

1916—July	$ 00.00
August	20.00
September	25.00
October	5.00
November	10.00
December	15.00
1917—January	15.00
March	30.00
April	45.00
May	10.00
June	10.00
	$185.00

The following is a statement of the amount realized on the sale of un-claimed property in the hands of the Property Clerk, since the last annual report, as provided under Section 3, Chapter VIII, Article VIII, of the Charter.

Cash taken from packages	$ 505.40	
Result of Auction Sale	1,352.20	
		$1,857.60

DISBURSEMENTS.

Auctioneer's Commission 7½%	$ 101.40	
Advertising Sale	25.00	
		126.40
Net proceeds paid to Treasurer		$1,731.20

Report of the Board of Police Relief and Pension Fund Commissioners

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—In compliance with Section IX, Article XVI, of the Charter of the City and County of San Francisco, the Board of Police Relief and Pension Fund Commissioners, herewith present and submit their report for the fiscal year ending June 30, 1917.

The Board of Police Relief and Pension Fund Commissioners as now constituted consists of the following:

Theodore J. Roache.....President
Thomas E. Shumate.....Commissioner
Jesse B. Cook.....Commissioner
James Woods.....Commissioner
K. E. Conway.....Secretary

The following members of the police department of the City and County of San Francisco, were retired from active duty and pensioned by the Board of Police Relief and Pension Fund Commissioners during the fiscal year 1916-1917, under the provisions of Chapter X of Article VIII of the Charter:

Name	Section Under	Amount	Rank	Date of Retirement
John R. Dower	1 and 3	$61.00	Patrolman	July 5, 1916
Peter J. Whalen	1 and 3	61.00	Patrolman	July 5, 1916
Thos. F. Maher	1 and 3	61.00	Patrolman	Oct. 2, 1916
John P. Carson	1 and 3	61.00	Patrolman	Jan. 15, 1917
James Kelly	1 and 2	100.00	Captain	Feb. 1, 1917
James H. Helms	1 and 2	80.00	Lieutenant	Feb. 1, 1917
David W. Boyd	1 and 2	80.00	Lieutenant	Feb. 1, 1917
James H. Anderson	1 and 2	80.00	Lieutenant	Feb. 1, 1917

The following Pensioners died during the fiscal year ending June 30, 1917:

NAME	Section Under	Amount	Rank	Retired	Died
Jeremiah Clifford	1 and 3	$61.00	Patrolman	April 1, 1912	Juy 7, 1916
John J. Pendergast	1 and 3	61.00	Patrolman	April 6, 1914	Aug. 10, 1916
Thos. C. Tyron	4 and 5	51.00	Patrolman	Jan. 2, 1900	Sept. 19, 1916
Patrick Crosby	1 and 3	51.00	Patrolman	Jan. 11, 1904	Dec. 31, 1916
Maurice J. Behan	4 and 5	51.00	Patrolman	Dec. 31, 1899	Mar. 2, 1917
Cassius P. Wright	1 and 2	62.50	Sergeant	Jan. 5, 1903	Mar. 21, 1917
Thos. F. Slattery	1 and 3	61.00	Patrolman	April 7, 1914	April 22, 1917
M. A. Collins	1 and 2	61.00	Patrolman	April 6, 1914	April 24, 1917
John Avan	3	62.50	Sergeant	Nov. 2, 1898	May 17, 1917
Daniel Owens	1 and 3	51.00	Patrolman	Jan. 21, 1906	Oct. 19, 1916
John Duncan	1 and 2	70.00	Sergeant	April 6, 1914	Oct. 31, 1916

The following person not a member of the Department and drawing a pension died during the fiscal year ending June 30, 1917:

Name	Section Under	Amount	Date of Death	Widow of Officer
Nora Mangan	4	$61.00	May 7, 1917	John J. Mangan

The following persons, not members of the department, were granted relief during the fiscal year 1916-1917:

Mrs. J. A. Miskel, Edwin Moriarty, Jos. A. Moriarty, Ralph C. Moriarty, children of Sergeant John J. Moriarty, under Section VI, Article VIII, of the Charter. Amount $626.00.

Julia Mulcahy, widow of Police Officer Geo. F. Mulcahy, under Section VI, Article VIII, Chapter X, of the Charter. Amount $446.00.

Therese Kavanagh, widow of Police Officer Thomas J. Kavanagh, under Section VI, Article VIII, Chapter X, of the Charter. Amount $402.00.

Mary Tuite, widow of Police Officer James Tuite, under section VI, Article VIII, Chapter X, of the Charter. Amount $646.00.

Margaret J. Tracy, widow of Police Officer Patrick Tracy, under Section VI, Article VIII, Chapter X, of the Charter. Amount $546.00.

The following person, not a member of the Department, was granted a pension during the fiscal year 1916-1917:

Ella French, widow of Police Office Fred W. French, under Section IV, Article VIII, Chapter X, of the Charter. Amount $61.00 per month.

RECAPITULATION.

Number of officers drawing pensions July 1st, 1916	101	
Other persons drawing pensions July 1st, 1916 (widows)	35	
Total drawing pensions July 1, 1916		136
Number of officers retired during the fiscal year ending June 30, 1917	8	
Other persons granted pensions during the fiscal year ending June 30, 1917	1	
Total pensions during the fiscal year ending June 30, 1917		9
Died during the fiscal year ending June 30, 1917		12
Restored to active duty during the fiscal year ending June 30, 1917		0
Total drawing pensions July 1st, 1917		133

FINANCIAL STATEMENT FOR FISCAL YEAR ENDING JUNE 30, 1917.

By amount paid in pensions during fiscal year 1916-17	$102,100.10
By amounts paid for other purposes	2,666.00
Dr. S. W. Means, examination of applicants for pension	40.00
Dr. T. H. O'Connor, examination of applicants for pension	40.00
Dr. A. P. O'Brien, examination of applicants for pension	20.00
K. F. Conway, Salary as Secretary	600.00
Total amount audited and paid	$105,466.10

Board of Public Works

August 1, 1917.

To the Honorable, The Board of Public Works,

Of the City and County of San Francisco.

Gentlemen:—

Herewith is submitted the Annual Report of the Cashier's Office, for the Fiscal Year ending June 30th, 1917, showing the total amount of moneys received from Fees, Permits, Deposits, Assessments, etc. Also statements of the several Funds, showing disbursements, through this office, from Deposit and Assessment moneys during the Fiscal Year.

In October, 1916, with the approval of your Honorable Board, your Cashier commenced a search of the Records in this office, to ascertain the amount of unclaimed and outstanding deposits made with the Board of Public Works since the conflagration of 1906, for Street Space, Sidewalk and Sub-Sidewalk Permits. This work has entailed considerable time and labor, particularly in the matter of locating depositors, through the medium of the City and Telephone Directories, and necessitated the examination of 90 volumes, approximating 27,000 Permits.

Notification was sent through the mail to depositors whose addresses could be ascertained, to call at this office for particulars. The object of this procedure was to question applicants in regard to said deposits, to determine as far as practicable, the rightful ownership to same. A copy of each letter mailed to depositors is on file in this Office.

Out of a total of 432 outstanding deposits between May 1st, 1906, and September 1st, 1916, aggregating $12,170.00, 328 depositors have been located and demands on the Treasury amounting to $8,965.00 have been issued and delivered to the Auditor.

31 Deposits, aggregating $1,070.00, are held in abeyance on account of uncompleted work, street obstructions, runways, or defective sidewalk construction.

73 Deposits, aggregating $2,135.00, are outstanding in favor of depositors, whose names either do not appear in the Directories, or, on account of a duplication of similar names, have not been located up to the present date.

In all cases where the original permits could not be produced, Affidavits were furnished, and filled out in this office for acknowledgement before a Notary by depositors, or their assigns. Said Affidavits were taken up and filed by the Auditor's Office upon delivery of the demand on the Treasury.

On the last pages of the accompanying Report, is appended a summary of the total money receipts of this office, for a period of 16 years, from July 1st, 1901,, to July 1st, 1917.

Respectfully,

JAS. T. DONAHUE,
Cashier, Board of Public Works.

ANNUAL REPORT OF CASHIER, BOARD OF PUBLIC WORKS FOR THE FISCAL YEAR ENDING JUNE 30th, 1917.

J. T. DONAHUE, Cashier.

Showing the total amount of money received from all sources from July 1st, 1916, to and inclusive of June 30th, 1917.

RECEIPTS.

Permits Issued		Amount
1445	From Street Space Permits	$ 33,936.00
264	From Sidewalk permits	5,375.00
53	From Sub-Sidewalk Permits	8,542.00
21	From House Moving Permits	2,100.00
5850	From House Building Permits (Fees)	25,457.00
287	From Bill Board Permits (Fees)	287.00
219	From Excavation Permits (Special Deposits)	2,966.85
52	Bills Excavation Permits Paid by Public Utility Corporations, maintaining a "General Deposit" of $2,500.00	16,988.00
Receipts Issued		
1242	From Side Sewer Deposits (1430 Sewers)	52,813.80
72	From Balances due on 72 Side Sewers underestimated	1,677.05
20	From Inspection charges only 42 Sewers at $2.00 each	84.00
8	From Appropriations by Board of Supervisors: Reimbursing Tearing up Streets Fund for outlay on Side Sewer work, full amount of deposits being refunded to depositors:	
	July 27, 1916, Receipt No. 22730 (1 Sewer) $ 40.00	
	Sept. 26, 1916, Receipt No. 22983 (2 Sewers) 100.00	
	Dec. 28, 1916, Receipt No. 23359 (1 Sewer) 50.00	
	Jan. 9, 1917, Receipt No. 23162 (1 Sewer) 17.75	
	Jan. 22, 1917, Receipt No. 23444 (1 Sewer) 43.95	
	Jan. 24, 1917, Receipt No. 23447 (1 Sewer) 31.60	
	May 17, 1917, Receipt No. 23835 (1 Sewer) 16.55	
	May 17, 1917, Receipt No. 23835 (1 Sewer) 82.25	
		382.10
649	From Bureau of Engineering, Fees collected for Surveys	24,712.00
356	From Bureau of Engineering, Fees collected for Inspection	43,132.30
168	From Advertising Charges, Paid by Contractors	6,915.20
3645	From Municipal Water Works, Water Rentals	6,492.14
979	From Installment Assessments and Interest on Bonds for Street Improvements	45,498.69
Aug. 10, 1916,	From Property Owners, for proportionate cost of extra grading on San Bruno Avenue, between Arleta Avenue and the County Line	454.40
Aug. 31, 1916,	From The Pacific Telephone and Telegraph Co., in settlement of Bill No. 379 for cost of raising crown of the roadway of Hyde Street between Sutter and Bush Streets	25.50
No. 14, 1916,	From the Southern Pacific Company, in settlement of Bill No. 401 for half the cost of constructing Sewers, etc. in San Bruno Avenue between Vista and Bay Shore Avenues	1,249.63
Nov. 28, 1916,	From Raisch Improvement Co., in settlement of Bill No. 295 for 18,500 Cobbles at 1.00 per M	18.50
Dec. 5, 1916,	From International Indemnity Co., for damage to Third Street Bridge by an automobile	8.50

Permits Issued		Amount
Jan. 3, 1917,	From Casualty Reciprocal Exchange, in settlement of damage to Garage Door of the Hall of Justice, by an Auto Truck	37.00
Jan. 13, 1917,	From W. B. Hunt & Son, for lumber belonging to the City and County of San Francisco used by sub-contracotr in building the Hetch Hetchy Railroad	30.00
Jan. 13, 1917,	From State Motor Vehicle Dept., Sacramento, excess fee on Auto License No. 201976	.30
Jan. 19, 1917,	From C. W. Meehan, for electric current used by a Photo concern	.60
Feb. 2, 1917,	From Otis Elevator Co., reimbursement for duplicate payment of their invoice of May 19, 1916	7.30
March 8, 1917,	From Flinn & Treacy, sale of 42,600 Cobbles at 32c per M., sold at public auction on Oct. 2, 1916	13.63
March 30, 1917,	From Eaton & Smith, sale of 4,000 Cobbles at $1.10 per M., sold at public auction on March 2, 1917	4.40
May 9, 1917,	From Great Western Power Co., in settlement of Bill No. 488 for Negatives of portions of City Map furnished by the Bureau of Engineering	32.65
May 18, 1917,	From City and County of San Francisco, to reimburse appropriation for "Repairs to Buildings," etc., (Budget Item No. 66) for Galvanized Iron Drip-pans furnished the S. F. F. D.	98.40
June 22, 1917,	From S. F. Drayage Co., for sale of 9,000 Cobbles at $1.10 per M.	9.90
15345	Total	$279,349.84

RECEIPTS FROM DISTRICT ASSESSMENTS AND REDEMPTIONS.

For the Opening, Widening, Extending, etc., of Streets (In accordance with Art. VI, Chapter III of the Charter).

ASSESSMENT FUNDS.

Orizaba Ave. Extension Fund (3 deeds at $1.00 each)		3.00
Circular Ave. Widening Fund—Asessments	$14,771.28	
*Delinquent Penalty 5%	120.94	
Advertising Charges	173.00	
		15,065.22

*Subsequent to Feb. 19, 1917.

Saturn St. Extension Fund—Assessments	$ 1,128.00	
*Delinquent Penalty 5%	5.00	
Advertising Charges	.50	
		1,133.50

*Subsequent to June 25, 1917.

REDEMPTION FUNDS.

Bright St. Redemption Fund	34.10
Monticello St. Redemption Fund	69.90
Orizaba Ave. Redemption Fund	82.05
Ramsell St. Redemption Fund	46.80
Total Receipts 1916-1917	$295,784.41

DEPOSITS

with City and County Treasurer (as per Receipts) during the Fiscal Year ending June 30th, 1917, to the credit of the following Funds:

Special Permit Fund		$ 47,853.00
Tearing up Streets Fund		54,956.95
House Moving Fund		2,100.00
Excavation Fund		19,954.85
Street Improvement Fund		45,498.69
General Fund (Fees Bureau of Building Inspection)		25,744.00
General Fund—Sundry amounts as set forth in statement of Receipts:		
Aug. 31, 1916, From Pacific Tel. & Tel. Co.	$25.50	
Nov. 28, 1916, From sale of old Cobbles	18.50	
Dec. 5, 1916, From International Indemnity Co.	8.50	
Jan. 13, 1917, From State Motor Vehicle Dept.	.30	
Jan. 19, 1917, From use of Electric Current	.60	
Feb. 2, 1917, From Otis Elevator Co.	7.30	
March 8, 1917, From Sale of Old Cobbles	13.63	
March 30, 1917, From Sale of Old Cobbles	4.40	
June 22, 1917, From Sale of Old Cobbles	9.90	
		88.63
Unapportioned Fee Fund		24,712.00
Special Inspection Fund		43,132.30
Advertsing Fund		6,915.20
Water Works Fund		6,492.14
Aug. 10, 1916, Credit of Budget Item No. 60 (1916-17) "Work in front of City Property"		454.40
Nov. 14, 1916, City and County Good Roads Fund		1,249.63
Jan. 3, 1917, Puplic Building Hospital and Jail Completion Fund (Bond Issue of 1913)		37.00
May 9, 1917, Credit of Budget Item No. 429 (1916-17)		32.65
May 18, 1917, Credit of Budget Item No. 66 (1916-17)		98.40
Jan. 13, 1917, Hetch Hetchy Water Construction Bond Issue of 1910		30.00
Orizaba Ave. Extension Fund		3.00
Circular Ave. Widening Fund		15,065.22
Saturn St. Extension Fund		1,133.50
Bright St. Redemption Fund		34.10
Monticello St. Redemption Fund		69.90
Orizaba Ave. Redemption Fund		82.05
Ramsell St. Redemption Fund		46.80
Total Deposits Fiscal Year 1916-17		$295,784.41

SPECIAL PERMIT FUND.

Statement showing Receipts and Disbursements by Cashier, Board of Public Works, during the Fiscal Year ending June 30th, 1917, for Account of the "Special Permit Fund."

Balance July 1, 1916, Deposits outstanding $ 29,017.75

RECEIPTS.

Permits Issued			
1445	From Street Space Permits	$33,936.00	
264	From Sidewalk Permits	5,375.00	
53	From Sub-Sidewalk Permits	8,542.00	
			47,853.00
			$ 76,870.75

DISBURSEMENTS.

Demands Issued			
1881	Street Space Permits (Deposits refunded)	$43,459.00	
271	Sidewalk Permits (Deposits refunded)	5,515.00	
55	Sub-Sidewalk Permits (Deposits refunded)	4,609.00	
2207			53,583.00
	Balance Deposits outstanding July 1, 1917		$ 23,287.75

MEMORANDA.

The above balance in the "Special Permit Fund" on July 1, 1917, ($23,287.75) is the least amount outstanding in said fund at any time since 1905.

Approximately $9,000.00 was refunded to depositors during the Fiscal Year 1916-17 on unclaimed deposits, reference to which is made in the Cashier's letter prefacing this Report.

The number of Street Space, Sidewalk, and Sub-Sidewalk permits issued in this office since the great fire of 1906 (moneys deposited in the "Special Permit Fund") are as follows:

22,669	Street Space Permits
4,691	Sidewalk Permits
1,159	Sub-Sidewalk Permits
Total 28,519	

STREET IMPROVEMENT FUND.

Statements showing Receipts and Disbursements by Cashier during the Fiscal Year ending June 30th, 1917, of moneys paid by Property Owners on Bonds for Street Improvements (Installment Assessments) in accordance with the provisions of Ordinances No. 2439 and 3009 (N. S.) of the Board of Supervisors.

Balance undisbursed July 1st, 1916 ..... $ 94.87

RECEIPTS.

Certificates Received		
982	From Installments and Interest on Bonds, as per Certificates No. 437 to 1418 inclusive, as per Official Receipts No. 1 to 980 inclusive	$45,498.69
		$45,593.56

DISBURSEMENTS.

Treasury Orders Issued		
831	Amounts refunded to Bond Holders	$43,781.91
	Balance undisbursed July 1, 1917	$ 1,811.65

MEMORANDA.

The payment of Installment No. 1 on Bond No. 1 was made on October 22nd, 1914. Since that date the sum of $70,452.64 has been paid by Property Owners on Installments and Interest, and the sum of $68,640.99 refunded to Bond Holders by Orders drawn by Cashier, on the City and County Treasurer, leaving a balance in the Treasury undisbursed on July 1st, 1917, of $1,811.65.

730 Bonds have been issued to date; 103 have been paid up in full by Property Owners, the payments thereon refunded to Bond Holders and the Bonds canceled, leaving 627 Bonds alive on July 1st, 1917.

EXCAVATION FUND.

Statement showing Receipts and Disbursements (Refund of "Special Deposits" only) by Cashier, during the Fiscal Year ending June 30, 1917, in accordance with the provisions of Ordinances Nos. 2201 and 2884 (N. S.) regulating the making and refilling of excavations in the public streets:

RECEIPTS.

Receipts Issued		
219	From "Special Deposits" for street openings	$ 2,966.85
52	From Monthly settlements by corporations maintaining a "General Deposit of $2,500.00"	16,988.00
271	Total Receipts (1916-17)	$19,954.85

DISBURSEMENTS.

Demands Issued		
156	"Special Deposits" refunded (less Fees deducted)—Said deposits having been retained for two years in accordance with Sec. 9, of Ord. No. 2201, N. S.	$ 3,160.25
	Balance	$16,794.60

MEMORANDA.

The total amounts paid by public Utility Corporations since the enactment of the "Excavation Ordinance" on March 3, 1913, up to and including June 30, 1917, are as follows:

Spring Valley Water Co	$21,366.50
Pacific Gas & Electric Co	15,948.50
City Electric Co	1,039.00
Universal Electric & Gas Co	475.00
Pacific Telephone & Telegraph Co	444.00
Sierra & San Francisco Power Co	21.00
Total	$39,294.00

In addition to the above sum, paid in settlement of monthly bills rendered, each of the foregoing six corporations maintain with the Board of Public Works a "General Deposit" of $2,500.00 to comply with the provisions of Ordinance No. 2201 (N. S.).

HOUSE MOVING FUND.

Balance outstanding July 1st, 1916	$ 200.00
Receipts during Fiscal Year 1916-17	2,100.00
	$2,300.00
Disbursements (Deposits refunded)	2,200.00
Balance, Deposit (No. 480) outstanding July 1, 1917	$ 100.00

TEARING UP STREETS FUND.

Staement showing Receipts and Disbursements by Cashier, Board of Public Works, during the Fiscal Year ending June 30, 1917, for account of the "Tearing up Streets Fund."

Balance undisbursed July 1, 1916 ..... $ 6,735.55

RECEIPTS.

Receipts Issued		
1242	From Side Sewer Deposits (1430 Sewers)	52,813.80
72	From Balances due on 72 Side Sewers underestimated	1,677.05
20	From Inspection Charges only—42 Sewers at $2.00 each	84.00
8	From Appropriations by Supervisors—Reimbursing "Tearing up Streets Fund" for outlay on 9 Side Sewers, for which full amounts deposited were refunded	382.10
1342	Total	$61,692.50

DISBURSEMENTS.

Demands Issued			
1137	Unexpended balance of Side Sewer Deposits	$20,276.75	
283	Wages of Side Sewermen	23,997.50	
49	Vacations of Side Sewermen	1,872.00	
12	Salaries	2,400.00	
12	Rent of Automobile	480.00	
12	Restoring pavement over Side Sewer trenches	6,696.05	
12	Teaming	2,463.00	
12	Blacksmithing	273.05	
11	Lumber	402.63	
11	Tools and Miscellaneous supplies	208.24	
6	Sewer pipe and Cement purchased for property owners and charges against deposits	87.65	
			59,156.87
1557	Total		
	Balance undisbursed July 1, 1917		$ 2,535.63

TEARING UP STREET FUND.

STATEMENT OF DISBURSEMENTS FROM THE "TEARING UP STREETS FUND" FOR THE FISCAL YEAR ENDING JUNE 30, 1917, BY CASHIER, BOARD OF PUBLIC WORKS—J. T. DONAHUE, CASHIER.

1916	Wages of S. Sewermen	Unexpended Balances	Paving Trenches	Inspection and Teaming	Inspection and Auto Hire	Lumber	Black-smithing	Miscel-laneous	Vacations	Total
July	$ 2,198.00	$ 2,132.10	$ 539.95	$ 201.50	$ 240.00	$ 50.82	$ 18.75	$ 47.28	$ 192.00	$ 5,620.40
August	2,203.00	1,565.75	257.60	201.50	240.00	39.09	22.65	55.54	192.00	4,777.13
September	2,254.50	1,292.05	778.65	195.00	240.00	.....	22.05	31.70	144.00	4,957.95
October	2,281.50	1,642.95	796.95	201.50	240.00	78.18	23.65	5.45	256.00	5,526.18
November	2,444.00	2,296.20	561.30	195.00	240.00	39.09	20.80	73.42	124.00	5,993.81
December	1,923.00	3,107.35	524.20	201.50	240.00	39.09	21.00	1.00	100.00	6,157.14
1917										
January	2,173.50	1,287.55	405.00	217.00	240.00	.....	24.20	.....	8.00	4,355.25
February	1,185.50	1,203.05	436.65	196.00	240.00	39.09	25.70	56.00	184.00	3,565.99
March	1,941.50	715.05	698.70	217.00	240.00	39.09	25.95	25.50	.....	3,902.79
April	1,722.00	2,591.05	536.90	210.00	240.00	39.09	24.70	.....	260.00	5,623.74
May	2,120.00	1,542.15	421.05	217.00	240.00	39.09	22.45	.....	76.00	4,677.74
June	1,551.00	901.50	739.10	210.00	240.00	.....	21.15	.....	336.00	3,998.75
Total	$23,997.50	$20,276.75	$6,696.05	$2,463.00	$2,880.00	$402.63	$273.05	$295.89	$1,872.00	$59,156.87

SIDE SEWER CONSTRUCTION.

During the Fiscal Year ending June 30, 1917, the Records of the Cashier's Office show the total number of Side Sewers constructed or repaired by employees of the Department of Public Works, and the cost thereof including maintenance, as follows:

1916	No. of Sewers	Repaving Trenches	Cost of Labor	Maintenance and Materials	Vacations Side Sewermen
July	149	$ 539.95	$ 2,198.00	$ 558.35	$ 192.00
August	149	257.60	2,203.00	558.78	192.00
September	142	778.65	2,254.50	488.75	144.00
October	147	796.95	2,281.50	548.78	256.00
November	145	561.30	2,444.00	568.31	124.00
December	101	524.20	1,923.00	502.59	100.00
1917					
January	104	405.00	2,173.50	481.20	8.00
February	75	436.65	1,185.50	556.79	184.00
March	122	698.70	1,941.50	547.54	.....
April	118	536.90	1,722.00	513.79	260.00
May	115	421.05	2,120.00	518.54	76.00
June	87	739.10	1,551.00	471.15	336.00
Total	1,454	$6,696.05	$23,997.50	$6,314.57	$1,872.00

The total number of Side Sewers constructed or repaired during the 7 years preceding 1916-17 are as follows:

1915-16	1830 Sewers
1914-15	1618 Sewers
1913-14	1732 Sewers
1912-13	2333 Sewers
1911-12	2373 Sewers
1910-11	2103 Sewers
1909-10	2070 Sewers

MEMORANDA.

The sum of $2,582.30 was appropriated by the Supervisors during the period January 1, 1912, to July 1st, 1917, to reimburse the "Tearing up Streets Fund" for outlay by the Department of Public Works on 61 Side Sewers in various locations.

Claims for the refund of full amounts deposited were made by property owners or their agents in cases where Side Sewers were found to have been cut off or improperly repaired by Contractors in laying mains for the Auxiliary High Pressure Fire Protection System, the construction of new Main Sewers, and other causes for which property owners were not held responsible.

Eleven (11) claims for the refund of deposits were, after investigation, denied by the Board of Public Works, during the above mentioned period.

Since the great fire of 1906, 23,978 receipts for side sewer deposits have been issued in the Cashier's Office and properly indexed for reference.

The number of Side Sewers constructed is slightly in excess of the above figures, as in many cases 2 or more sewers were constructed under the same deposit receipt. A complete record in detail of the cost of each sewer is kept in the Cashier's Office. If the cost of construction is less than the sum deposited, a demand on the Treasurer is issued for the unexpended balance. Should the cost exceed the amount of deposit, a bill is mailed to depositor, after entry in the

"Delinquent Record." When paid, said entry is canceled by the Cashier, and an official receipt issued for the balance paid.

COMPARATIVE STATEMENT.

Showing total receipts of moneys from Fees, Permits, Deposits, etc., by Cashier, Board of Public Works, for a period of 16 years, from July 1st, 1901, to July 1st, 1917.

Fiscal Year 1901-02	$ 91,250.50
Fiscal Year 1902-03	143,985.42
Fiscal Year 1903-04	171,537.30
Fiscal Year 1904-05	206,881.09
Fiscal Year 1905-06	219,135.90
Fiscal Year 1906-07	344,121,82
Fiscal Year 1907-08	260,639.22
Fiscal Year 1908-09	297,817.73
Fiscal Year 1909-10	264,651.20
Fiscal Year 1910-11	223,139.77
Fiscal Year 1911-12	244,605.83
Fiscal Year 1912-13	258,060.88
Fiscal Year 1913-14	271,808.37
Fiscal Year 1914-15	241,858.62
Fiscal Year 1915-16	255,535.62
Fiscal Year 1916-17	295,784.41
Total	$3,790,813.68

Segregation of the foregoing totals are shown in detail in the Monthly and Annual Reports of the Cashier, a copy of which is filed with the Board of Public Works and with the City and County Auditor. The following summary will show the aggregate sums received during 16 years, from the principal sources:

From Side Sewer, etc., deposits	$1,240,153.62
From Balances due on Side Sewers underestimated	34,095.92
From Street Space, Sidewalk and Sidewalk Permits	1,044,806.25
From House Building and Bill Board Permits (Fees)	544,139.70
From City Engineer—Surveys and Inspections (Fees)	409,885.55
From Chimney Inspection (during 1906-07-08) Fees	86,305.00
From Payments on Bonds for Street Improvements	70,452.64
From Permits to Excavate in Streets and Sidewalks	71,772.95
From Advertising Charges	56,838.65
From Municipal Water Works (1909-1917)	35,169.02
From House Moving Permits	39,110.00
From Special Deposits (El Portal Way Sewer)	11,000.00
From Special Deposits S. P. R. R. Co., Fifth St. Sewer	6,312.90
From Collections at Islais Creek Incinerator (1913-14)	4,550.90
From Damage claims on City Hall Structural Steel (1914-15-16)	3,921.07
From District Assessment Funds	116,104.48
From District Assessment Redemption Funds	2,942.92
From Sale of Old Material	7,051.53
From Miscellaneous	6,200.58
Total	$3,790,813.68

Respectfully Submitted,

JAS. T. DONAHUE,
Cashier, Board of Public Works.

BUILDINGS

San Francisco, September 20, 1917

To the Honorable, The Board of Public Works,
City and County of San Francisco.

Gentlemen: In accordance with the provisions of the Charter, I submit herewith a tabulated report of the Bureau of Public Buildings, showing the various work performed and the money expended during the fiscal year 1916-1917.

Very respectfully,

CHAS. W. MEEHAN,
Superintendent Public Buildings.

RECAPITULATION BUREAU PUBLIC BUILDINGS FISCAL YEAR 1916-1917.

Office	$ 5,400.00
Transportation Maintenance	1,760.00
City Hall and Power Plant Maintenance	29,435.45
Hall of Justice Maintenance	24,433.90
Watchmen—Relief Work	1,737.10
Watchmen—City Hall	2,565.00
Janitorial Department—Maintenance	71,028.52
Auditorium—Maintenance	10,418.95
Auditorium—Miscellaneous Repairs	4,439.05
Work in front of City Property	4,846.65
Bond Issue Work	7,327.22
Fire Department Building Repairs Special	8,513.87
School Department Building Repairs Special	9,159.44
Work performed with Special Appropriations	41,324.91
Fire Building Repairs	15,587.66
Police Building Repairs	5,661.68
Public Building Repairs (Other than Fire, School and Police Bldgs.)	13,567.88
School Building Repairs	82,695.06
Total	$339,902.34

OFFICE.

Superintendent, $250.00 per month	$3,000.00
Assistant Superintendent, $200.00 per month	2,400.00
	$5,400.00

Note: Assistant Superintendent's salary increased to $225.00 per month beginning March 1st, 1917, the additional $25.00 being charged as follows:

March, 1917—Bush Street Police Station alterations.
April, 1917—Construction of toilet buildings and new plumbing.
May, 1917—Alterations to Fire Department buildings.
June, 1917—Police Department repairs.

TRANSPORTATION MAINTENANCE.

Auto for superintendent	$ 480.00
Auto for assistant superintendent	480.00
Auto for electrician	320.00
Buggy for foreman plumber	480.00
	$1,760.00

MAINTENANCE CITY HALL AND POWER PLANT.

Engineers' salaries	$ 5,100.00
Engineers' relief—vacations	812.50
Firemen at Power House	4,800.00
Firemen—vacations	194.30
Supplies	554.43
Repairs to Elevators and Engine Plant	187.62
Mechanics labor on repairs	486.60
Fuel Oil	8,540.00
Elevator Operators	8,760.00
Total	$29,435.45

MAINTENANCE HALL OF JUSTICE.

Engineers' salaries	$ 6,600.00
Engineers, relief and vacations	1,128.10
Supplies	257.78
Repairs to elevators and engines	286.10
Mechanics' labor on repairs	291.50
Fuel Oil	5,070.42
Elevator Operators	10,800.00
	$24,433.90

WATCHMEN.

Relief work at Pipe Yard, Sewer Department, Street Repair Department, Building Repair Department and Street Cleaning Department for year	$ 1,737.10

JANITORIAL DEPARTMENT.

Carfare	$ 175.20
Garbage	298.50
Towel Service	2,243.60
Supplies	5,037.09
Electric Globes	680.48
Janitors' salaries for services at City Hall, Hall of Justice, Emergency Hospitals and Police Stations	62,593.65
	$71,028.52

WATCHMEN AT CITY HALL.

Two (2) watchmen's salaries	$ 2,160.00
Relief work and vacations	405.00
	$ 2,565.00

MAINTENANCE—AUDITORIUM.

Janitors' salaries	$ 2,403.30
Watchmen's salaries	826.30
Engineers' salaries	540.30
	$ 3,769.90

AUDITORIUM BUDGET 431.

Janitors' salaries	$ 3,959.25
Engineers' salaries	1,062.50
Watchmen's salaries	1,627.30
	$ 6,649.05

BUILDING INSPECTION

July 24th, 1917.

To the Honorable, The Board of Public Works.

Gentlemen: I have the honor to submit the following as an Annual Report upon building operations in this City and County during the past fiscal year ending June 30th, 1917:

Character of Permits Granted	Number	Expenditures
Class "A"	16	$ 3,051,750.00
Class "B"	33	2,427,267.00
Class "C"	149	2,674,277.00
Frames	1436	5,386,172.00
Alterations, Additions, Repairs—General	4501	1,966,062.00
Public	27	545,327.00
Harbor Commission	17	924,517.00
U. S. Government	204	1,543,800.00
Total	6383	$18,519,172.00

The Fees collected upon the above amounted to	$ 25,457.00
Fees collected for Billboard Inspection	287.00
Total Fees	$ 25,744.00

In addition to the above more important matters, this Bureau received applications, as follows:

To Raze Structures	216
To Move Buildings	39
Applications rejected and withdrawn	126
Complaints	225
Total Number of Applications Filed	6,671

During the past year the committee appointed by the Commission of Immigration and Housing of California (in which I, as a member, represented this City and county), after arduous labors, and a thorough study of the essentials to proper structural and sanitary laws, succeeded in compiling a comprehensive report for submission to the State Legislature advocating amendments to the present "State Hotel and Lodging House Act" and the present "State Tenement House Act."

Both of these bills were passed on May 31st, 1917, to be in full force and effect from and after September 1st, 1917.

These Acts are the result of study and deliberations by the constituted authorities extending over a period of several years and are valuable in insuring vastly greater protection to the lives and health of the occupants of these buildings.

For your further information, I wish to state that the Board of Supervisors recently passed a law requiring the removal of all temporary frame buildings within the Fire Limits, and the City Attorney is now awaiting a modification of an injunction issued by the Superior Court against the City and County taking any further action in a case of this kind, and upon receipt of which this Board will be advised of the proper course to pursue in having these buildings removed. The Supervisors intend to pass another law requiring the removal of temporary building outside of the Fire Limits, and meanwhile this Bureau continues its endeavors to have them removed separately by co-operating with the Board of Public Health in each instance.

Respectfully submitted,

JOHN P. HORGAN,

Chief Building Inspector.

SEWER DEPARTMENT REPORT

San Francisco, Calif., July 14th, 1917.

To the Honorable, The Board of Public Works,
Timothy A. Reardon, President.

Gentlemen: In accordance with the provisions of the Charter of the City and County of San Francisco, I respectfully beg to submit herewith the Annual Report of this Department for the fiscal year 1916-1917.

Within the appropriation of $144,000.

The general classification of the work accomplished in the report submitted, as follows:

Sewer Reconstruction.
Sewer Repair.
Sewer Cleaning and Excavating.
Cesspool Cleaning.
Brickwork.
Flushing.
Carpenter work.
Repairs to Fire Cisterns.
Maintenance and operation of Corporation Yard and distributing center.

Respectfully submitted,

J. C. LINEHAN,
Superintendent of Sewers.

SEWER CLEANING.

The sediment and heavy substance accumulating in the bottom of the sewers, impervious to flushing, is removed by process of windlassing at the manholes and transported to the dumps as here shown.

	Cubic Yards Excavated
1916	
July	878
August	752
September	763
October	640
November	780
December	460
1917	
January	480
February	350
March	720
April	540
May	385
June	680
Total	7428

CESSPOOL CLEANING.

This work is performed by excavation and the silt and waste matter from the street unable to pass into the sewer is removed and transported to the dumps.

Following is a tabulated report of same.

1916	Number of Cesspools Cleaned	Cubic Yards Excavated
July	965	803
August	1,206	970
September	1,095	785
October	1,182	911
November	840	680
December	750	565
1917		
January	895	695
February	1,156	1,065
March	985	765
April	1,263	1,160
May	965	845
June	1,045	960
Total	12,347	10,204

SEWER RECONSTRUCTION.

Beginning July 1, 1916, and ending June 30, 1917, there were 156 cesspools with outlets, and 20 entire blocks of new work on the main sewers, reconstructed, requiring the opening of trenches, grading and laying of pipe, constructing of brick manholes, connecting all existing side sewers, back-filling, repaving and concreting as previously constructed.

Following are the locations of reconstructed work, with the accompanying dates and material used in their construction.

Main sewers reconstructed.

1916—

July

Ringold Street, between 8th and 9th.
Carl Street, between First Avenue.

August

Vallejo Street, between Grant Avenue and Kearny.
17th Street, between Folsom and Division.

September

Green Street, between Stockton and Grant Avenue.
Clarence Street, between 2nd and 3rd.

October

Pine Street, between Taylor and Jones.

November

Federal Street, between 1st and 2nd.
Commonwealth Street, between Geary and Euclid.

December

Commonwealth Street, between Euclid and California.

1917—

January

Octavia Street, between Post and Sutter.

February

Davis Street, California.

March

Fulton Street, between Market and Larkin.
Greenwich Street, between Montgomery and Sansome.

April

Steuart Street, between Mission and Market.
Alta Street, between Sansome and Greenwich.

May

Castro Street, between 20th and 21st.
Darrell Place, between Montgomery and Sansome.

June

Jones Street, between Lombard and Greenwich.
Fulton Street, Hyde.

STREET CLEANING DEPARTMENT

ANNUAL REPORT OF THE STREET CLEANING DEPARTMENT, BOARD OF PUBLIC WORKS FOR THE FISCAL YEAR 1916-1917.

P. J. OWEN, Superintendent.

San Francisco, October 1st, 1917.

To the Honorable, The Board of Public Works,
Mr. Frederick J. Churchill, Secretary,
City Hall, San Francisco, Cala.

Gentlemen: In accordance with a resolution heretofore passed by your Honorable Board, I submit for your approval, this report of the operations of the Street Cleaning Department, Board of Public Works, for the Fiscal Year 1916-1917, including detailed statements of the yardage of the public streets swept by hand, by horse drawn sweeping machines, by motor driven sweeping machine, and streets sanded with sanding machine, streets sprinkled, flushed and washed with horse drawn sprinkling and flushing machines, by motor-flusher, washed by hand with hose, and horse drawn squeegees. The amount of such work accomplished in each month of the said fiscal year, and in each of the fourteen street cleaning districts, the number of teams in the employ of the department, the number of loads of dirt, and the number of cubic yards of dirt, removed from the public streets, the average number of street sweepers in the employ of the department, during each of the months of said fiscal year. A full statement of the expense account of the Street Cleaning Department, together with certain data relative to the work of this Department, as follows, to-wit:

NEW EQUIPMENT.

In the budget for the fiscal year of 1916-1917, there was no provision made for the purchase of any new equipment.

This Department is much in need of another motor-driven street sweeping machine, and also another horse-drawn sand spreading machine, and it is to be hoped that the Board of Supervisors will provide in the new budget for the coming fiscal year, 1917-1918, funds for the purchase of the same.

EMPLOYEES.

During the past fiscal year 1916-1917, the Street Cleaning Department has employed on an average 141 foremen and sweepers, 54 double teams, and 2 single teams, per day, for 365 days in the year.

In the fiscal year just closed the Department, through deaths caused by sickness, lost eleven of its employees, who were acting as street sweepers. Of this number all except two were over sixty years of age, and some ranging as old as seventy years.

FAMILIES SUPPLIED WITH WATER FOR HOUSEHOLD PURPOSES BY THIS DEPARTMENT.

Owing to the fact that certain families residing in District No. 14, Sunset, were unable to procure water for household purposes on account of the lack of Spring Valley Water Company's mains in their immediate neighborhood, this Department at the request of the Mayor's Office, has supplied two families with water during this fiscal year of 1916-1917; but the supply of water to these remaining two families was discontinued by this Department on June 30th, 1917.

MAPS.

The Superintendent of this Department has ordered from the Engineering Department, Board of Public Works, a set of maps covering the entire City, showing the different classes of pavements, the length and breadth of all streets and crossings, and the area in square yards of the same. When these maps are completed, they will be mounted and kept as records in the office of this department, and will show at a glance such information as noted above, and will be of great benefit and add to the efficiency of the Department. These maps are something that the Street Cleaning Department has been in need of for several years, and in a short time will be an accomplished fact.

There are now approximately 470 lineal miles of accepted streets which must be cared for by this Department, and additions are continually being made by the acceptance of newly improved streets. Some of our streets are constantly cleaned by blockmen stationed thereon, others are required to be cleaned daily, others twice a week, while less important streets are cleaned once a week according to the office schedule.

The work of the Department was considerably increased during the past fiscal year, as the total area of streets swept exceeded the total area of streets swept in the preceding fiscal year of 1915-1916, by 21,742,186 square yards of area.

The many improvement clubs and district associations in the various sections of the City, and especially in the newly improved outlying districts, are demanding that this Department do extend its work in their particular districts, and give more frequent cleaning and sprinkling of their streets; also the Public in general has become more exacting in its demands along these lines, and the Street Cleaning Department has always complied with these demands to the limit of its equipment and resources.

Respectfully submitted,

PETER J. OWEN,

Superintendent Street Cleaning Department, Board of Public Works.

ANNUAL REPORT OF THE CITY ENGINEER

1916-1917

CITY AND COUNTY OF SAN FRANCISCO

Department of Public Works, Bureau of Engineering

San Francisco, December 6, 1917.

To the Honorable
The Board of Public Works of the
City and County of San Francisco.

Gentlemen: Herewith is transmitted the annual report of the Bureau of Engineering, for the fiscal year 1916-1917.

The development of the Boulevard System has been actively advanced during the past fiscal year. The Marina Boulevard, marked at intervals with gems preserved from the Panama Pacific Exposition, is now an assured fact. Camino del Mar has been extended into the Presidio, over an ornamental concrete viaduct constructed by the United States Government in co-operation with the City and County of San Francisco. The Esplanade has been extended as far as the limited appropriations for this improvement would permit. Twin Peaks Boulevard has been completed and Hunters Point military road is well under way. The last named thorofare will do much toward developing manufacturing industries in the southeasterly portion of the City, and will afford direct access to the Hunters Point dry dock and naval base, which the Government will construct in the near future. Plans have been developed for the Telegraph Hill Boulevard and the regrade of Rincon Hill. The policy of overcoming the defects of the rectangular street system in hilly districts has been pursued, and notable accomplishments in this direction have been the regrades of Cumberland, Noe and Sanchez Streets.

More pavements have been constructed within the past fiscal year than in any similar period since the memorable fire of 1906. A new type of pavement has been introduced, namely the so-called vertical fibre vitrified brick monolithic type. Its chief advantages over the older vitrified brick pavement for steep hillsides are its cheapness and ease of construction. Another advance in this line has been the adoption of "Topeka" surface, a semi non-skid sheet asphalt pavement. With the enormous urban automobile traffic of the present time, such a pavement has become a necessity. Six hundred and sixty-nine thousand, three hundred and sixty-five square yards of pavement of all types were laid during the past fiscal year.

The Municipal Railways, which, despite the pessimistic predictions of opponents of the system, have proven a great financial asset to San Francisco, have been developed along logical lines during the past year. The Church Street line has been completed and is earning dividends. The Twin Peaks Tunnel line will be completed during 1917, and a direct means of access provided before many months from the ferry to the districts beyond Twin Peaks.

On April 5, 1917, crews working on the east and west headings of Twin Peaks Tunnel met underground, 6,000 feet from the easterly portal. Shortly thereafter the bore was completed. It is conservative to predict that within a few years of its completion, property values to the south and west of the Peaks will advance in value in excess of the total amount paid for the construction of

the tunnel. Its construction will also facilitate providing adequate means of transportation to the towns down the peninsula, when adjacent communities see fit to become components of Greater San Francisco.

The principal units of the sewer system completed during the past year comprise an outlet for the west side of the Ocean View district; the Great Highway sewer, extending from Noriega Street to Lincoln Way; the Glen Park sewer extension; the Stanley Street sewer, and the Oakdale Avenue sewer. The system will be extended as additional funds become available.

On the Auxiliary Water Supply System, extensions have been provided in the Telegraph Hill district, in Pine Street and in First Street. The many frame dwellings on the steep slopes of Telegraph Hill have been afforded additional protection with an attendant reduction in insurance rates. The rock formation in this district made the excavation work costly. The other two extensions accomplished similar reductions in insurance rates.

The total number of surveys made during the past year were 1838. Two thonsand six hundred and one precise levels have been run and bench marks established over a total distance of 180 miles. Fees for these surveys amounted to $24,712.

In the Testing Laboratory, 6004 tests were made on various structural materials, at a cost, inclusive of salaries and supplies, of $5529.40. The inspection of concrete paving base has been carried on with the aid of laboratory analyses with a marked increase in the quality of the resultant concrete. Analyses include the theoretical determination of the most economic cement and sand ratio—an exact result hitherto indeterminate, but which by continued research in our Testing Laboratory has been perfected.

Included in the report are maps showing population, area and assessed valuation of all districts of the City and County of San Francisco, and also the type of street pavement in each block thereof.

On the Hetch Hetchy project, construction work has continued interruptedly since my last annual report. The Railroad has been completed with the exception of a portion of the ballasting. The Lower Cherry River Power Development has progressed steadily and will be finished by about January 1, 1918. A reinforced concrete masonry buttressed arch dam is in progress of construction at Lake Eleanor. The design of this structure involves several original features—one is the placing of the central axes of the arches on a curved arc upstream across the present narrow channel of Eleanor Creek. Tangent to this central arc and extending to the abutments on each side of the present channel, the axes of the arches will lie in planes whose horizontal traces form an angle of 30 degrees. There are 20 arches, each with a span of 40 feet. About 7,000 cubic yards of high grade concrete will be embodied in the structure. Logging and yarding at the City's Canyon Ranch Sawmill for the season's run in 1916 amounted to over 1,600,000 board feet of rough lumber, besides a considerable quantity of surfaced material. During the spring of 1917, over 400,000 board feet were cut and planed. An additional sawmill has been established at Lake Eleanor. This has a capacity of 6,000 board feet per day. A base hospital has been designed and will be constructed at once. All branches of the work are well co-ordinated and advanced as rapidly as possible.

Following is a detailed description of the work accomplished in this Bureau during the fiscal year.

Respectfully submitted,

M. M. O'SHAUGHNESSY,
City Engineer.

TABLE No. 1.

POPULATION, AREA, AND ASSESSED VALUATION, BY ASSEMBLY DISTRICTS.

DISTRICT	POPULATION			AREA		VALUATION*	
	Total	Per Square Mile of Land	Square Miles of Land	Square Miles of Water	Total Square Miles	Land in Acres	Assessed Valuation of Taxable Land and Improvements
21	36,015	12,955	2.78		2.78	1,779	$ 89,321,280
22	19,746	2,816	7.00		7.00	4,480	11,639,750
23	32,919	6,330	5.20		5.20	3,325	11,441,380
24	36,888	4,822	7.65	†0.58	8.23	4,968	15,107,970
25	42,504	46,708	0.91		0.91	583	15,550,650
26	57,967	38,645	1.50		1.50	954	19,617,920
27	45,801	5,270	8.69		8.69	5,564	26,136,625
28	53,022	15,687	3.38		3.38	2,165	27,179,275
29	45,228	42,269	1.07		1.07	684	24,186,040
30	46,794	38,044	1.23		1.23	787	23,500,110
31	41,334	9,984	4.14		4.14	2,651	35,580,809
32	65,277	56,273	1.16		1.16	741	55,700,040
33	34,467	28,252	1.22		1.22	779	122,410,660
13	557,962	12,148	45.93	0.58	46.51	29,760	$477,372,509

* Assessed valuation for taxation is 50% of appraised valuation.

† Lake Merced.

BOULEVARD SYSTEM.

In advancing the policy outlined in previous annual reports of the City Engineer, work on the boulevard system has been actively prosecuted during the past fiscal year. The following is a description of the work accomplished.

MARINA BOULEVARD:

To have permitted the work of salvage to eradicate all trace of the Panama Pacific Exposition would have been a serious mistake, both from an economic and an aesthetic standpoint. Through the untiring efforts of the Exposition Preservation League, with which the City Engineer co-operated, if present plans are carried out, San Francisco is to have on the Exposition site a choice residential tract. This will be traversed by the Marina Boulevard and marked here and there with gems preserved from the Exposition, namely, the Column of Progress, the California Building, the Marina, Palace of Fine Arts, the Lagoon and the Yacht Harbor.

On the recommendation of this office, Pierce, Steiner, Francisco, Fillmore, Bay, North Point, Beach and Jefferson Streets were declared closed to permit the designing of a subdivision with roadways aligned in graceful curves, more in keeping with the natural attractions of the district than a gridiron street system.

The problems involved in planning the revised street arrangement were numerous. For example, the prevailing winds of the district could not be allowed to sweep along any main artery, and yet it was essential that certain remaining heritages of the Exposition be left visible as termini for properly framed vistas. The problem of proper distribution of traffic through the district was in turn complicated by the necessity of streets of changing direction while it was imperative that the maximum view frontage on the Golden Gate be developed.

The principal features of the plan which were finally adopted after more than a year's study were north and south axis centering on the Column of Progress and an east and west axis passing through the dome of the Fine Arts Building, both of which features will be recalled as ones that dominated their situation in the Exposition. At the eastern end of the east and west axis, centering on the Fine Arts dome, is a plaza approximately one acre in area from which a circular drive or boulevard distributes traffic to the secondary streets in the southern portion of the park. Courts have been planned at uniform intervals along the northern and eastern borders of the park in such a way as to create a succession of features along the two main boulevards while at the same time giving the maximum amount of view frontage looking on the Marina Park and the grounds of the Fine Arts Building. On the southern boundary two business centers have been created from each of which three arteries radiate to the main centers of the residence park.

It is proposed that the streets shall be paved and improved in the most modern manner and that all electroliers and other street ornaments shall be of special design. Public utilities such as gas, water and electric power mains will be installed underground. The plan incorporated some twenty odd plazas or parks at street intersections and includes eight or ten interior courts which will be devoted to recreational purposes.

On account of the reluctance of some of the property owners to enter into the scheme, the first section of the project only is now under process of resubdivision. This covers about one-half the area of the whole plot and requires the closure of about 870,000 square feet of existing streets laid out in the rectangular system and the opening of about 860,000 square feet of new avenues and boulevards.

Streets formerly traversing this area were uniformly sixty-eight feet nine inches wide, dividing the district into blocks of two hundred seventy-five feet in width by four hundred twelve feet six inches in length. The new streets vary in

width from one hundred feet for the Marina Boulevard with a roadway of fifty-one feet down to forty feet for the small intermediate streets.

To Mark Daniels, Consulting Engineer, who had charge of the work of resubdividing this district under the supervision of the City Engineer, much credit is due for the results obtained.

The Marina Boulevard passing along the northern boundary of the property is an important link in San Francisco's boulevard system, connecting the existing terminus at Fort Mason with a road to pass through the Presidio Military Reservation, a portion of which has already been constructed.

Skirting the northerly edge of the Marina Boulevard is the Belt Line Railway, of which the extension into the Presidio has been completed. The extension was urged by the Bureau of Engineering because of the military value of the track and the desirability of its being laid before construction of the boulevard was begun. As planned, the boulevard is free from railroad crossings and a schreen of shrubbery will extend between railroad and the north sidewalk.

Due credit must be given to the Pacific Gas and Electric Company, and the Sierra and San Francisco Power Company for the generous manner in which they co-operated in exchanging lands to open this boulevard between Fort Mason and the Presidio.

Twice bids were called so that the $30,000 appropriated in the last budget might be applied to the paving of the Marina Boulevard from Laguna to Scott Street, but in both instances the unit prices offered were too high and recommendations were made to reject the bids. Informal awards were made for the necessary fill along the boulevard. This fill was recently completed by day labor at one-third the cost of the amount set forth for that item in the formal proposals, thereby saving the City over $2,000.

As the route of this boulevard crosses the made ground in Harbor View and the Presidio, where the Exposition Company has pumped from the Bay 1,300,000 and 360,000 cubic yards, respectively, thereby reclaiming 184 acres, observations were kept to determine when complete subsidence had taken place so that street work, by undue settlement, would not be an economic loss to the City.

For the selection of Harbor View as the State Normal School site, the City Engineer actively co-operated, making three visits to Sacramento. Exhaustive investigations were made of the suitability of the existing California Building for a normal school and a report favorable on this location submitted to the State Legislature.

EL CAMINO DEL MAR:

With the $56,000 appropriated by the Panama Pacific Exposition Company, El Camino Del Mar, extending from Lobos Creek to Lincoln Park, over rights of way purchased by the City for $30,000, has been constructed under direction of the City Engineer.

The Federal Government and City of San Francisco jointly constructed a reinforced concrete viaduct over Lobos Creek as a continuation of this boulevard, and a stretch of road will eventually be laid extending northerly therefrom to meet the existing driveways in the Presidio. Over three years ago this boulevard was started by the City, but it was impossible for some time to secure the prompt co-operation of the military authorities for the immediate completion of the project.

The Honorable Congressman Kahn, with co-operation of Senator Phelan, finally succeeded in having appropriated for the government's portion of this work, $30,000. Contract for the viaduct over Lobos Creek was entered into in April, 1917, and is now 90% completed. An appropriation of $5,000 was made in the City's Budget for 1917-18 to meet the cost of completing the westerly 99 feet from the center of the Creek.

From Point Lobos to Fort Miley, Forty-third Avenue has been paved recently thereby supplying one of the few remaining links between the Marina and the Esplanade.

The three boulevard units, Camino Del Mar, the Marina and Presidio drives, which stretch across the north shore of the City, will, when completed, besides possessing military advantages afford many scenic attractions, enabling the pleasure seeker to obtain excellent continuous unobstructed views of the Bay, the Golden Gate and the Ocean.

ESPLANADE:

Few cities in the United States can boast of a more inviting stretch of seashore than that which extends from the Cliff House three miles southerly to Sloat Boulevard.

Plans have been made to provide proper shore protection for the entire distance against inroads of the sea and to pave and park the Great Highway permanently as befits the possibilities of this splendid driveway. Lack of sufficient appropriations has hampered these efforts, the net results to date being a 670 foot stretch of reinforced concrete esplanade bulkhead to withstand the ocean's encroachments. A request for an appropriation of $400,000 to extend the Esplanade to Lincoln Way was denied in the recent budget.

The finished section, constructed for the City under contract by J. D. Hannah, at a cost of $80,000, has occasioned widespread commendation and interest and many inquiries have been received for detailed plans from communities with similar problems, especially New York and New Jersey cities. The marked improvement presented by the bleachers and parapet of this structure over the brush grown embankment replaced, should insure an early appropriation of the funds for the remaining portion.

New grades have been established for the Great Highway from Lincoln Way to Sloat Boulevard. This boulevard will have two roadways; the lower, on the easterly side will be 40 feet in width with two sidewalks, and will serve the fronting property and intersecting streets. The upper roadway on the ocean side will be 90 feet in width with an additional 25 foot walk. A terrace or parked slope will separate the two roadways.

WIDENING OF SLOAT BOULEVARD:

The original plans adopted by the City Engineer for Sloat Boulevard from the Great Highway to Junipero Serra Boulevard, based upon future traffic needs, contemplated a 135 foot thorofare. This included a central space 35 feet wide to be occupied by the street railway, 30 feet of paved driveway on each side thereof, each adjoining 5 feet of parking and 15 feet of sidewalk. Present needs were accommodated with the south 30 foot paving strip, but the popularity of this drive with the ever increasing vehicular traffic caused negotiations to be hastened in order to complete the project as planned. Property owners along the north side of the present tracks have been prevailed upon to donate to the City sufficient frontage to make up the requisite 135 feet. The property was obtained by the City at no cost, contingent upon its starting the work by July, 1917. This has been done, the United Railroads having been persuaded to exchange its old right of way for the 35 foot central space, the City agreeing to pay the cost of removing and reconstructing the railway, the work of which is rapidly nearing completion. As soon as funds are available the northerly portion of the roadway will be improved providing for one way traffic on each driveway and minimizing the danger from collisions as well as greatly improving the appearance of the boulevard. The City Attorney's office is to be commended for earnest co-operation in this project.

SKY LINE BOULEVARD:

The route of the proposed sky line boulevard, lying in San Francisco county, starts at the City Hall and traverses thorofares already complete, to the intersection of Sloat Boulevard and Forty-first Avenue. Thence it will extend in a southerly direction, encircling Lake Merced, and continuing southward to the County Line.

On September 25, 1916, the Board of Supervisors adopted the following resolution:

> Whereas, There exists but one main highway from San Francisco along the peninsula into San Mateo and Santa Clara and Santa Cruz counties, which is rapidly becoming inadequate to meet traffic requirements, and the construction of an additional thoroughfare will soon become an imperative necessity, and
>
> Whereas, It is possible to provide for the construction of a boulevard along the crest of the hills separating the ocean and bay and Santa Clara Valley and thus affording a route unparalleled for scenic grandeur as well as provide traffic accommodations for a large extent of territory; therefore
>
> Resolved, That the City Engineer be requested to furnish the Board with the estimated cost of making a reconnaissance for a boulevard along the route stated; also
>
> Resolved, That a copy of this resolution be transmitted to the Boards of Supervisors of San Mateo and Santa Clara and Santa Cruz Counties with a request that they meet in conference with His Honor the Mayor, City Engineer and Street Committee of this Board for the purpose of considering the project herein outlined.

In response to the request contained in the foregoing resolution, a meeting was held at Redwood City on December 9, 1916, which was attended by representatives of San Francisco, San Mateo, Santa Clara and Santa Cruz Counties.

The project outlined was endorsed by the representatives present and it was resolved that the legislature be requested to pass an act that would provide for the construction of the proposed highway by the counties jointly interested with such assistance as might be rendered in connection therewith by the State of California and the Federal Government.

On May 5, 1917, the Legislature having passed the necessary Act (Chapter 52, Statutes 1917) another meeting was held in San Jose, likewise attended by representatives of the same counties. Endorsement of the project was again given and it was directed that the City Engineer of San Francisco, the County Surveyors of the several counties, and Professor C. B. Wing of Stanford University, make a reconnaissance of the route of the proposed highway and furnish an estimate of the cost of the same.

Pursuant to said direction the several County Surveyors, to-wit: James V. Newman of San Mateo, Irving L. Ryder of Santa Clara, Lloyd Bowman of Santa Cruz, Professor C. B. Wing of Stanford University and H. W. Swanitz, assistant engineer, assigned to this work by the City Engineer of San Francisco, on May 10, 11 and 12, 1917, accompanied by W. Lewis Clarke of the State Highway Commission, made a reconnaissance survey of the proposed route, beginning at San Francisco, following along the ridge between Bay and Ocean to the summit of Santa Cruz Highway, thence by Burrell Meyers to the head of Soquel Creek, thence by Corralitos Creek to Watsonville.

The route that I favor is from the City Hall, San Francisco, in a general southerly direction passing to the west of Merced Lake and thence down the the peninsula, following east of San Andreas and Crystal Springs Lakes to the summit of the San Mateo-Half Moon Bay Road, thence due southerly along the Castle Rock ridge to the summit of the Los Gatos-Santa Cruz State Highway,

and thence to Santa Cruz and Watsonville along the State and County Highways; or leaving the main ridge at Saratoga Summit and following the divide between the San Lorenzo and Pescadero Creeks along the State Park Road to the Ben Lomond ridge. From there the road would follow the general direction of the Empire grade to Santa Cruz and thence by County Highway to Watsonville, or, continuing along the crest of the main range from the summit of the Los Gatos-Santa Cruz Highway via Burrell Creek to the head waters of Soquel Creek, thence over the divide to Corralitos Creek and down the same to Watsonville.

SLOAT BOULEVARD CIRCLE:

Anticipating the westward trend of development subsequent to the completion of the Twin Peaks Tunnel, the City Engineer devised a plan for co-ordinating at a common point of intersection the main thorofares south and west of Twin Peaks, named Junipero Serra and Sloat Boulevard, West Portal Avenue, connecting with the west portal of the Twin Peaks Tunnel, Portola Drive, which will connect with the Market Street Extension, St. Francis Boulevard, and the proposed entrance to the Spring Valley property. A satisfactory design has been worked out for the meeting of these boulevards to prevent congestion of automobiles and railway traffic and still give a scheme in harmony with the high class residential districts developed and planned for the future.

This plan provides a large circular space suitably parked, within which will be the heavy network of tracks and track special work connecting the tunnel line with the existing Sloat Boulevard and the Junipero Serra Boulevard tracts, and a future rapid transit line down the peninsula. Two purposes, aside from the aesthetic, will be served by this circle. The railway crossings will be minimized and auto drivers will be compelled to slow down to make the curve in safety.

Already neccessary property to the extent of nearly an acre has been acquired from the Westgate Park Company and Leopold Greene, for which voluntary assessments aggregating $13,125 have been levied on adjacent property owners. Construction work will be started in the near future.

Grateful acknowledgement must be made for the unselfish efforts of Mr. Duncan McDuffe and his landscape engineers, Messrs. Olmstead Bros. of Boston, for needed assistance in this project.

One of the conditions of the contract between Fernando Nelson and the Residential Development Company, for the purchase of the west portal tract, was that the former should deed to the City sufficient property to give a strip 32 feet wide from the west portal of the Twin Peaks Tunnel to the circle above described. This proviso was made part of the contract by Mr. A. S. Baldwin, of the firm of Baldwin and Howell, the original owner of this land, in order that an avenue of egress from the tunnel westerly might be provided for the municipal railway. An extract from this agreement follows:

> "I agree upon request of the City Engineer, M. M. O'Shaugnessy, to execute a good and sufficient deed to the City and County of San Francisco, of a strip of land not exceeding 32 feet in width for a right of way for railroad purposes, from the westerly portal of the Twin Peaks Tunnel to the westerly line of said 49.824 acre tract, it being understood that the City shall at its expense grade said strip of land to the level required for the operation of cars over the same, and that the City shall at its expense construct good and substantial concrete bulkheads along the northerly and southerly lines of said strip wherever said right of way shall be in cut, and with the further understanding that unless changed by mutual agreement between the undersigned and said M. M. O'Shaughnessy, the plan prepared by John M. Punnett, dated March, 1916, attached hereto, will in all respects be carried out by me except that I reserve the right to change the width and location of any of the proposed streets."

TWIN PEAKS BOULVEARD:

The Twin Peaks tunnel provides only for rapid railway transit, as it would have been both dangerous and uneconomical to include an automobile roadway. Ample provision has therefore been made to enable autos to cut down time and distance between the down town districts and the districts lying west of the Twin Peaks Ridge, by the construction of modern boulevards along the grades between these two sections of the City.

Four years ago, to reach the westerly portion of the City the auto truck or pleasure car was compelled to avoid the ridge by taking a circuitous northerly route over Haight or Fell Streets and Lincoln Way to 19th Avenue, or a southerly route over Valencia or Mission Streets and Ocean Avenue. Today a thorofare over Twin Peaks affords one of the most scenic boulevards in the world.

Starting at the intersection of Sloat and Junipero Serra Boulevards, the Portola Drive, completed in 1915, extends easterly on an ascending grade, through the fast developing modern residential parks of St. Francis Wood on the south, and West Portal tract on the north.

At an expenditure of $21,786.12, this driveway was extended last year along the route of the old Corbett Road to Twenty-fourth Street. This stretch, 4700 lineal feet in length, consists of a 20 foot paved strip of asphalt on concrete with 7½ foot shoulders, and is practically complete. As soon as possible it will be connected to the Market Street Extension, mentioned elsewhere in this report.

About 900 feet east of San Miguel Rancho, the Twin Peaks Boulevard connects with the Corbett Road. The upper boulevard thence ascends in a northeasterly direction by easy stages around the slopes of the Twin Peaks to an elevation of 830 feet, at which a figure eight loop encircles each of the peaks, the summits of which are about 80 feet higher. This work entailed an outlay of $57,075.77. Since its completion in November, 1916, it has been most popular with local motorists and tourists. From no other eminence in San Francisco can such a varied and pleasing panorama of ocean, bay, mountain and metropolis be obtained.

The link of this road just east of the figure eight was completed in 1916 at a cost of $26,907.97, and the adjoining stretch along Clarendon Avenue from St. Germain Avenue to Clayton Street, consisting of 1475 feet of pavement, 25 feet wide, and costing $7,732, was finished in the early part of 1917. Topeka surface was used here because the maximum grade was as much as 13 per cent. Descent from Clarendon Avenue may be made on the north by Buena Vista Boulevard and on the south by Seventeenth Street.

NEW PROJECTS.

OLYMPUS BOULEVARD:

In a desire to provide a more direct approach to Twin Peaks Boulevard by light grades, a drive 60 feet wide has been planned, starting at Fourteenth Street opposite Alpine Street and winding by easy curves into Park Hill Avenue, Masonic Avenue, Pluto Street, Lower Terrace, Seventeenth Street and Clayton Street, to a connection with Clarendon Avenue.

Agreements for obtaining the lands required to widen existing streets and for new diagonal streets through present blocks have been entered into during the last two years. Lack of funds has been the cause of delaying actual construction. However, since the major portion of the cost of Olympus Boulevard is to be obtained by assessing the property owners benefitted, the near future should see its completion.

MARKET STREET EXTENSION:

Nearly thirty years ago, in the era of cable traction, surveys were made for the extension of Market Street out to the Ocean Beach. This plan simply meant the prolongation of the City's main artery on its present alingment, irrespective of grades. This early proposition was abandoned, and when the problem was recently considered, a contour avenue was decided on.

To co-ordinate with this plan, in the design of Twin Peaks Tunnel a flat top subway section was adopted for the first 1800 feet, because of proximity of the street surface. To provide for a surface extension of Market Street, fee simple title was secured for a strip 90 feet wide and the 1800 feet along the line of the tunnel in Eureka Valley from Seventeenth and Castro Streets to Eighteenth and Hattie Streets.

The tunnel is completed and already the crossings of Diamond, Collingwood, Douglass, Eureka, and Ord Streets, where they intersect the tunnel right of way, have been reconstructed to conform to the planned extension. Specifications are being prepared for the paving of the boulevard between these crossings so that in a few months the City's chief artery will have been extended up to Eighteenth and Ord Streets. Surveys and plans have been made for a 70 foot right of way from this point up to Twenty-fourth Street and Corbett Avenue, where connection will be made to the existing pavement of Corbett Avenue. The maximum grade over this route is 9 per cent.

At the unanimous request of property owners affected, plans for this project are well advanced and it is hoped at an early date to have it ready for appropriate action by the legislative authorities of the City.

SAN BRUNO AND RAILROAD AVENUES:

The desirability has been recognized of relieving the congestion of traffic over Mission Street and the State Highway, the main southerly outlet into San Mateo County. The solution involved realigning, regrading and reconstructing the old San Bruno Road and Railroad Avenue to form the Bay Shore Boulevard. South of the San Francisco county line San Mateo has constructed an important link of this thorofare, connecting with the State Highway near Uncle Tom's Cabin.

Until recently the connection between San Bruno Avenue and Potrero Avenue was rough and unsightly. This has been corrected by extending Potrero Avenue from Twenty-fifth Street to intersect San Bruno Avenue, by widening the Ocean Shore Railroad Cut at Army Street and paving the entire distance. This involved over 20,000 cubic yards of excavation, at a cost of $35,546.94. The regrading of Railroad Avenue to meet additional traffic requirements, was described in my last annual report.

HUNTERS POINT ROAD:

As a war measure, last year the Federal Government appointed a committee to investigate and report on the suitability of various sites on the Pacific Coast for the location of a permanent naval base. Familiar with the unquestioned natural advantages of Hunters Point for the purpose, the City administration actively advocated its selection. Reports were prepared which showed that there is a water depth of 65 feet at the point and a deep water channel thence to the Ocean, whereas the other Bay sites considered have less than 20 foot depth, which is being decreased because of deposits of sediment from the San Joaquin and Sacramento Rivers. Assurances were given the Naval authorities that proper road facilities would shortly be constructed to make the site more accessible. While no official decision on the choice of a base has been published, it is understood that the Hunters Point site is favorably considered.

To reach Hunters Point, and to provide for existing and future industries

in this section, special endeavor has been directed toward the early completion of an 80 foot street with a 60 foot roadway, commencing at Railroad Avenue along Evans to Ingalls, thence diagonally through land acquired from the Water Front Land Company to Hawes near Hudson Street, thence along Hawes from Hudson to Innis, thence along Innes from Hawes to Donohue, thence along Donohue, Innes to Galvez, thence along Galvez, Donohue to Coleman, thence through City property diagonally from Coleman and Galvez to Boalt Street and Fairfax Avenue, thence along Fairfax from Alvord to Boalt and along Alvord, Evans to Fairfax, to the existing dry dock of the Union Iron Works on this point, a distance of 2¼ miles. This work involves 91,427 cubic yards of excavation and 101,876 cubic yards of fill, besides curbs, sewers and 637,669 square feet of pavement with 6 inch concrete base and 2 inch asphalt wearing surface. Two acres of property are to be acquired.

The cost will be about $225,000, part to be borne by the Union Iron Works and the City and fronting property owners to pay the remainder. About three-fourths of the entire length is under contract. Nearly 90 per cent of the necessary property has been acquired and as soon as the remaining portion has been deeded to the City, contracts will be awarded for the remaining construction.

The completion of this project will have the effect of opening up two miles of deep water frontage heretofore inaccessible.

TELEGRAPH HILL BOULEVARD:

By proper landscape treatment Telegraph Hill can be made an attractive eminence instead of a quarry scarred obstruction to traffic. The first requirement is a suitable avenue of approach to the summit. Four schemes have been evolved, each of which contemplates a roadway 24 feet wide and a 6 foot sidewalk with a protecting railing. The initial point of the various schemes is as follows:

(1) Northeast corner Kearny and Broadway; (2) Northeast corner Montgomery and Broadway; (3) Just west of Washington Irving School in Broadway; (4) Northeast corner of Sansome and Vallejo Streets.

The terminal at the upper end, Lombard and Sansome Streets, is common to all plans. The property in the last two blocks along and adjacent to the boulevard is to be retained for park area as an addition to Pioneer Park. City property in the vicinity will be utilized where practicable. Any scheme adopted embraces a reinforced concrete viaduct about 300 feet long between Lombard and Greenwich Streets. Schemes No. 3 and 4 include an additional viaduct across Green Street.

Maximum grade, length and estimated cost of construction of the four schemes is as follows:

Scheme	Length in Feet	Maximum Grade	Est. Cost of Const.
1	2800	8.5%	$154,000
2	2500	10%	140,000
3	2450	10%	142,000
4	2200	8.2%	135,000

REGRADES:

Most of the area of the City and County of San Francisco has been subdivided on the right angle block system, with no thought whatever for the contour of the ground or steepness of the grades, many of which are as high as 40 per cent. In altering such grades, existing improvements must be considered, many lots having already been built upon, and each property owner desirous that the grade fit these improvements.

The modern subdivision with its contour streets and easy grades is eliminating this evil. On the ungraded streets which are too steep for vehicular travel, it is found desirable to park the majority of the street and construct easy stirways.

An example of such treatment is on Day Street between Castro and Diamond Streets, Greenwich Street between Kearny Street and Grant Avenue, which has never been graded, is built upon both sides with many permanent structures. Special treatment, such as shown on attached program is necessary to obviate raising or lowering every building on the block.

Liberty Street between Church and Noe Streets and Sanchez Street between 20th and 21st Streets are similar to those above mentioned inasmuch as they are ungraded, built upon, and have very heavy cross warps.

On these streets it is found advantageous to design an upper and lower roadway with parking space and walls between, and to open two new streets so that vehicles can travel in a southerly and westerly direction to Noe Valley.

Money for the acquisition of the property necessary for the above projects has been included in the 1917-1918 budget and the City Attorney has commenced action to acquire it.

In the past year grades have been changed, established and investigated as follows:

Grade changes—333 blocks, 159 crossings	24	miles
Grade establishments—109 blocks, 50 crossings	6½	miles
Investigations—138 blocks, 55 crossings	10	miles
Total	40½	miles

A number of other streets where special treatment in grades have been made and which will be improved in the near future, are:

Carolina Street between Twenty-second and Twenty-third Streets.
Lyon Street between Broadway and Vallejo Streets.
Alvarado Street between Castro and Diamond Streets.
Missouri Street between Twentieth and Twenty-second Streets.
Douglass Street between Twentieth and Twenty-first Streets.

The area lying south of Howard Street and east of Third Street comprising about twenty city blocks on an elevation known as Rincon Hill, in former days one of the choice resident districts of San Francisco; but this hill formed a natural barrier to the main lines of traffic between a mile of waterfront docks and freight terminals and the area dependent upon them, comprising the general industrial district and the business center of the City. Its proximity to the waterfront and the railroads is the cause of the development of this section from a residence district to an industrial and warehouse center.

The Chamber of Commerce made some preliminary studies of Rincon Hill in 1912 with a view to suggesting a scheme for its regrading.

This office has made a comprehensive study of the problem and evolved several improvements on the original schemes presented.

It was found that with a reasonable amount of excavation gradients could be established having a maximum of 2 per cent for north and south streets and 4½ per cent for east and west streets. With these street grades established, every piece of property east of Second Street and south of Folsom Street could be reached by a projected system of railroad spur tracks terminating in the main Belt Railroad system. Modern motor trucks could easily make the maximum grades on the east and west streets. The hill would no longer be a barrier to heavy traffic and about 46 acres of land with practically no earning power could become a potential income bearing property worth from two to five times its present value.

About 90 per cent of the existing improvements upon the property in this district are wooden structures, many of them obsolete, and the owners would welcome an opportunity to replace them with a more substantial type of building. The present condition of the property makes it very difficult for the owners to negotiate loans for any improvements. It was found that the cost of improving

the streets could not be sustained by the adjoining property. Close study of the problem shows that the owners of this property would not by any means be the sole beneficiaries by improvements contemplated, but that a very large metropolitan area would be materially benefitted. To effect maximum economy it is desirable to grade and make all of the improvements in this area, as one project centrally controlled. Before this can be done, certain changes in the assessment laws for local improvements must be enacted.

The following is a tabular resume of the principal elements in the Rincon Hill regrade project:

Estimated cost of street work including 1:1 slopes	$1,500,000
Estimated cost of grading private property and restoring improvements	$2,500,000
Present average assessed value private property (60% of full value)	$ .76 sq. ft.
Full value on same basis according to 1916 assessment	$1.25 sq. ft.
Average estimated value after improvements	$2.50 sq. ft.
Permissible to spend for improvement to private property	$1.25 sq. ft.
Area of proposed reduced district	2,000,00 sq. ft.
	46 acres
No. parcels of property involved in regrade	277 parcels
No. city blocks involved in regrade	13 city blocks
Estimated cost of grading private property and restoring improvements not incl. 1:1 slopes	$1.25 sq. ft.
Total yardage of materials to be removed	3,386,000 yds.
Time required for removing hill estimated at	3-4 years

BERNAL CUT:

The bulk of the materials used for street and home improvements in new subdivisions beyond the Twin Peaks Ridge was conveyed via Mission Street and Ocean Avenue or over Fell Street and Lincoln Way. The grades and length of the former route added so much to the cost per ton mile that the proposed Bernal Cut could have been built for the saving it would have had effected to date.

One of the conditions made part of the agreement for the Southern Pacific Company's new franchise at Third and Townsend Streets was that the City should be given a right of way through the existing Bernal railway cut from Randall Street to San Jose Avenue, the Railway Company to do the necessary grading to accommodate the paved roadway.

With the rapid growth of our Municipal Railway System, the extension through this cut of the Church Street Line from 30th Street to supply needed traffic facilities to the Sunnyside and Ocean View Districts, was planned, and in order to provide for the street railway, as well as vehicular and pedestrian traffic, steps have been taken to acquire a wider roadway through the cut than that provided in the original agreement. Surveys and plans for this improvement are complete and necessary lands are being acquired.

This work involves the extension of Dolores Street to the existing Southern Pacific right of way at Randall Street, the removal of 232,000 cubic yards of excavation and placing 95,500 cubic yards of fill, the removing and reconstructing of the Southern Pacific tracks to the west side of the widened cut, the paving of a 42 foot roadway and construction of an 8 foot sidewalk with necessary retaining walls on the east side of cut throughout the 4,450 feet of length. The cost will be approximately $650,000, exclusive of the grading to be done by the Railroad Company.

CUMBERLAND STREET, NOE TO SANCHEZ STREET:

The regrade of Cumberland Street between Noe and Sanchez Streets and Sanchez Street between 19th and 20th Streets has been completed. Persistent

efforts to reconcile the diversified opinions of the people of this district and obtain their agreement to the most logical plan, finally were successful.

Existing street improvements leading to this section, the abrupt nature of its topography and the fact that fronting owners had proceeded with their home building with an utter disregard for any grade plan, injected complications into this problem, requiring the application of some engineering ingenuity for solution.

Sanchez Street at 19th Street was graded and paved while 50 feet south the ground was 16.5 feet higher. Cumberland Street at Sanchez Street was graded and paved while 20 feet west the ground was 31 feet higher. Sanchez Street at Cumberland Street was improved with an elevation at the northerly line of 198.83 and at the south line of 209.17 whence the ground rose sharply to an elevation of 240 feet. Twentieth Street at Sanchez was an improved street having an elevation of 240 feet the east side of Sanchez Street conforming to official grade, while the west side was 25 feet higher.

The only inlet adaptable to changes that would permit of vehicular traffic was via Twentieth Street. This will also serve the district south of Twentieth Street between Church and Noe Streets. By a system of retaining walls and stairways, pedestrians may reach this region at Sanchez and Nineteenth Streets, Cumberland and Noe and Cumberland and Sanchez Streets. The general street design of roadways and walks in the same plane was precluded here, the difference in elevation between houses on opposite sides of the street being from 7 feet to 19 feet. To keep at a minimum the height of retaining walls, at the property line on the high side and still not leave the homes on the low side in a hollow, the space between curbs was designed with elevated or depressed sidewalks and terraces. These terraces vary from level parking spaces to sloped surfaces having a pitch of 10 feet in width of 11 feet and 13 feet, according to ground conditions. As planned, the majority of retaining walls did not exceed 6 feet in height. Three were constructed at a maximum height of 12 feet. In some instances where the fronts of the houses were back of the property line, the terraces were extended into the property thereby doing away with necessity of a wall. A 2½-foot cross warp in the roadway, was resorted to to cut down heights of walls.

Sanchez Street from Twentieth to Cumberland Street is paved with 2 inches of asphalt on a 6 inch concrete base descending on a 5.3 per cent grade. The crossings of Sanchez and Cumberland Streets is similarly paved. From the north line of Cumberland to 89 feet northerly, the grade of Sanchez Street is 16.6 per cent and thence to Nineteenth Street it is 28 per cent except the parking space and wall where the grade is lessened to permit vehicles to turn. Hillside brick pavement was used where grades were sufficient to warrant the increased cost.

On Cumberland Street west of Sanchez Street a 9.5 per cent grade obtains for 155 feet, a 4 per cent grade for the next 100 feet and a 15 per cent grade for the remainder to Noe Street, except around the island park at Noe Street where the grade is reduced to allow traffic to turn.

Concrete in walls and stairs was a 1-2-4 mix delivered from mixer to forms by gravity chutes. Six inch tile drains imbedded in broken rock were placed back of all walls and concreted to weep-holes at proper intervals.

Galvanized iron railings are placed on walls where necessary. Special fittings had to be cast for all this work on account of the many curves and breaks in grade. Hardly any two fittings were alike.

Excavation was performed by a ¾ cubic yard steam shovel except at Sanchez and Nineteenth Streets where the steep grade made the use of the shovel dangerous. Here a trap was erected and 4-horse Fresnoes scraped the material into chutes which led into the trap, whence it was loaded into motor trucks. Over 20,000 cubic yards loose measurement was handled in this manner.

Now that this section has been made accessible and that these streets present an inviting appearance, the wonderful view to be obtained from this height, the ideal climatic conditions existing there, and the proximity of the Church Street

Line of the Municipal Railway System, will all be potent factors in inducing people to locate. Property enhanced substantially beyond its original value since the improvement was assured.

LEAVENWORTH STREET AND CHESTNUT STREET:

Francisco Street between Hyde and Leavenworth Streets at an elevation of approximately 130 feet before the recent improvement of Leavenworth Street between Chestnut and Francisco Streets, has been practically inaccessible. The only approach thereto, over Hyde Street between Chestnut and Bay Streets was on a 20.5 per cent grade with a very dilapitated cobblestone pavement.

A few years ago new grades were established to provide a convenient approach to this district. The first unit of this improvement was completed in December, 1914. This consisted in part of a retaining wall swinging from near the middle of the south line of the crossing of Francisco and Leavenworth Streets to the north curb at the west line and a stairway on the northeast face of the wall leading from the upper to the lower levels of the crossing. As then finished, ready ingress and egress was afforded pedestrians, but a second unit of this work had to be installed to accommodate vehicles. This consisted of the continuation of the existing retaining wall southerly in Leavenworth Street parallel to the property lines for a distance of 187.5 feet dividing the street into two levels. The new grade of upper Leavenworth Street follows closely the old San Francisco Road which in early days led from the heart of town to Black Point.

When completed the 68.37 feet width of Leavenworth Street will be divided into a 10 foot walk on the east and a 6 foot walk on the west side with roadway of 52.37 feet wide extending from Chestnut Street northerly to the end of the retaining wall where it divides into an upper drive of 17.5 feet wide and a lower drive of 32 feet wide. The grade from Chestnut Street to the dividing wall and 50 feet northerly on the lower portion of the street descends at 15.9 per cent and then at 6.8 per cent to the crossing of Francisco Street. The upper roadway ascends northerly along the east face of the wall on a 3.4 per cent grade. The street is paved with 2½ inches of asphalt surface on a 6 inch concrete base except on the 15.9 per cent grade where hillside brick are laid on a 1½ inch sand cushion on a 4 inch concrete base.

The heavy portion of the excavation, 5,800 cubic yards was done by steam shovel. To insure against undue settlement in the fill back of the wall, special precautions were taken in tamping. The fill, placed by wheelbarrows, was water tamped, the weep holes in the wall having been temporarily plugged to hold the water and all pulled simultaneously to give a uniform settlement. The subgrade was rolled with 5-ton motor trucks empty and then loaded.

The wall of reinforced concrete of the cantilever type surmounted with a 4.25 foot parapet is 31.25 feet high at one end and 5.75 feet at the other. Exclusive of the base and parapet, it is 12 inches thick at top and batters 7 inches to 5 feet of depth giving a maximum base thickness of 3.86 feet at the highest section.

A 20 inch high pressure pipe, one of the main feeds from the Fort Mason Pumping Station which has been constructed in tunnel, was uncovered along the east edge of the toe of the wall.

BRIDGES

THIRD STREET BRIDGE:

The Third Street Bridge was rewired and a new submarine cable was installed under contract awarded to the Butte Engineering & Electric Company on August 24, 1916. The work was completed and accepted on June 25, 1917, and cost $3,874.

The laurel wood floor surface placed two years ago is making a record for service, being still in very good condition. Ordinary pine flooring formerly used had to be replaced three times during each year.

The south abutment, disturbed at the time of the earthquake in 1906, continues to move northward at a decreasing rate, being about one inch during the last 12 months, as against two inches per year prior to that time. The movement this year has been taken up in the structure with minor alterations and adjustments made possible by the work done last year. Despite the opening of the Fourth Street Bridge traffic on Third Street Bridge continues heavy. During rush hours eighty street cars and over two hundred vehicles per hour cross the structure.

FOURTH STREET BRIDGE:

On June 25, 1915, the Thomson Bridge Company was awarded the contract for removing the old swing draw bridge and for constructing a modern Strauss Trunnion Bascule drawbridge at Fourth Street, crossing the channel.

The foundation for this bridge was designed in this office and the superstructure was designed by Mr. J. B. Strauss of Chicago, patentee of this type of bridge.

The bridge proper is a single leaf, through span of 94 feet counterweighted on the north side with a 700 ton overhead concrete weight spanning the roadway.

The bridge roadway is forty feet wide and is paved with creosoted wood blocks. Provision has been made for the installation of street car tracks should they be required at any time. There are two 6-foot sidewalks on the outer side of the trusses for pedestrians.

Operating power is furnished by electric motors housed on the north side. The operator's house is over the west motor housing and commands a clear view. Opening to the full vertical position can be effected in approximately one minute after giving the warning alarms. A clear waterway of 75 feet for the passage of vessels is obtained with the structure raised. The channel was dredged to elevation minus 35 feet, City base, which enables vessels of 20 foot draft and fifty foot beam to pass the opening safely.

This improvement cost $89,672.09 and was finally accepted on May 23, 1917.

STREET PAVEMENTS

More permanent pavements have been constructed within the past fiscal year than in any other year since the memorable fire of 1906.

A new type of permanent pavement adapted to light traffic and residential streets was introduced here, namely the so-called vertical fibre vitrified brick, a monolithic type of pavement. This has been in use for the last three years in the middle west and has given satisfactory results. Its chief advantages over the older vitrified brick pavement are its comparative cheapness and ease of construction. A service test of at least ten years will be required, however, before its permanency can be established beyond question. Should this pavement prove entirely satisfactory and be permanently adopted, its selection will affect a saving of from 15 per cent to 20 per cent over the old standard brick pavement.

Another advance in pavement construction has been made in the adoption of "Topeka," a semi-nonskid sheet asphalt pavement. This pavement is particularly suitable to streets that have a gradient in excess of that which ordinary sheet asphalt can be used, but on which a comparatively smooth pavement is required. In general, on residential streets of medium grade Topeka surface can be used in place of the ordinary asphalt pavement. With the enormous urban automobile traffic of the present time, a pavement having pronounced nonskid properties becomes a necessity.

Topeka surface has been used extensively in the construction of streets in Westwood Park and other recently developed residential tracts. It has also been

used on the northerly end of the Twin Peaks Boulevard, and on the first unit of the Market Street extension adjoining the east portal of the Twin Peaks Tunnel, and probably will be used upon the entire boulevard. The fact that this pavement has stood up on the State Highway in San Mateo County for four years under the tremendous pounding of Sunday traffic amounting to 15,000 machines of all types, is proof that it will wear well in San Francisco under less severe conditions. Our experience with asphalt has proven that the successful street pavement of the future will be of less thickness than formerly and will possess greater nonskid properties, 90 per cent of the traffic now being rubber tired.

One of the greatest difficulties encountered in the planning of street pavements is that of procuring proper surface drainage, with the improvements and grades often permanently established. Especially is this the case on thorofares having nearly a flat grade. The addition of too many catchbasins is both costly as well as unsightly. It was for this reason that this office recommended the adoption of vitrified brick gutters in connection with asphalt pavements on such streets, it being possible to construct this type of gutter with a flatter gradient and an individual transverse slope, thereby preserving a uniform cross-section on the main moving-traffic portion of the roadway.

Within the last fiscal year many special projects in the way of street improvement had to be handled by this department and, working plans for the Contractor prepared. To expedite the work of planning some of the more difficult of these, paper forms were made to scale showing the proper crowns and section. These were put in skeleton form and modified when necessary. Plaster of Paris was poured over modeling clay rough shaped to the finished contour and the whole finally smoothed down to the finished grade. This was found to be an excellent way of visualizing the improvement and brought out forcibly small irregularities in design that might otherwise have been overlooked.

Nearly all of the many miles of track reconstruction handled by the United Railroads within the year, and all street reconstruction handled by the Street Repair Department was constructed on the grades worked out by this office.

AMOUNT AND COST OF STREET WORK—PRIVATE.

Fiscal Year ending June 30, 1917.

	Quantity, Sq. Yds.	Cost
Asphalt (6" Concrete Base):		
W. S. 1½" Binder 2"	1,175.11	$ 2,644.00
W. S. 2 "	223,195.66	454,757.27
W. S. 2½"		
W. S. 1 " Binder 1½"	373.37	873.68
Bituminous Rock (6" Concrete Base):		
W. S. 2"	17,524.32	38,423.35
Basalt Blocks:		
Gravel and asphalt filler on sand	14.00	45.36
Gravel filler (6" concrete base)	349.28	1,336.27
Cement filler (6" concrete base)	3,506.81	8,801.94
Vitrified Brick:		
Kiln marked or hillside	4,101.47	14,355.75
Asphalt with Basalt Block Strip:		
Asphalt W. S. 2"	1,063.22	4,246.92
B. B. with gravel filler	490.00	1,848.50
B. B. with gravel and asphalt filler	305.00	1,193.36
Asphalt with Vitrified Brick Strip:		
Asphalt W. S. 2"	81,366.54	169,868.13
Brick, kiln marked or hillside	29,902.96	103,234.74
Broken rock	2,664.66	1,560.00
Cobbles	480.72	1,081.62
Total	366,513.12	$804,270.89
Curbs:		
Granite, new—lin. ft.	14,582.70	17,303.38
Granite, reset	1,263.91	226.58
Concrete	139,958.90	105,412.02
Gutters:		
Basalt Blocks—sq. yds.	325.28	1,228.49
Walks:		
Artificial stone	9,474.85	9,122.64
Grading:		
Cut	95,426.00	53,439.50
Fill	45,292.00	23,552.03
Total	140,718.00	$ 76,991.53

AMOUNT AND COST OF STREET WORK—PRIVATE—Continued.

	Lin. Ft. & No.	Cost
I. S. P. 6" Diameter:		
Side Sewer	732.00	$ 378.00
I. S. P. 8" Diameter:		
Pipe	14,725.75	31,187.80
Y branches	892.00	949.41
I. S. P. 12" Diameter:		
Pipe	6,543.20	15,694.38
Y branches	355.00	432.50
I. S. P. 15" Diameter:		
Pipe	1,271.15	3,238.90
Y branches	55.00	106.00
I. S. P. 18" Diameter:		
Pipe	1,752.53	4,621.00
Y branches	92.00	129.00
I. S. P. 21" Diameter:		
Pipe	593.00	2,316.00
Y branches	36.00	36.00
Totals	25,617.63	$ 57,436.08
	1,430.00	1,652.91
Manholes:		
New	154	14,195.98
Catchbasins:		
New	242	14,280.67
Reset	6	55.00
Storm water inlet	3	150.00
I. S. P. 10" Diameter:		
Culvert	7,706	22,682.29
I. S. P. 24" Diameter:		
Pipe	275.00	1,375.00
Y branches	18.00	36.00

AMOUNT AND COST OF STREET WORK—PUBLIC

Fiscal Year ending June 30, 1917.

	Quantity, Sq. Yds.	Cost
Asphalt (6" Concrete Base):		
W. S. 2"	169,373.77	$279,818.54
W. S. 1" Binder 1½"	2,043.55	2,942.72
Basalt Block (on sand):		
Gravel filler	4,529.68	14,252.08
Gravel and asphalt filler	3,073.55	10,511.56
Basalt Block (6" Concrete Base):		
Gravel filler	95.79	379.33
Cement filler	806.20	2,829.78
Vitrified Brick:		
Kiln marked or hillside	4,576.78	14,611.75
Asphalt with Basalt Block Strip:		
Asphalt W. S. 2"	3,452.50	6,069.30
B. B. with gravel filler	1,724.72	5,713.68
Asphalt with Vitrified Brick Strip:		
Asphalt W. S. 2"	57,336.45	97,736.01
Brick, kiln marked or hillside	18,773.31	54,087.05
Broken rock	23,579.39	12,217.63
Cobbles	1,036.54	1,976.58
Broken rock walks	9,608.69	1,567.55
Total	300,010.92	$504,722.56
Curbs:		
Granite, new	26,237.65	27,083.13
Granite, reset	377.62	136.69
Grasite, redressed and reset	70.80	10.62
Concrete	89,765.42	55,980.40
Redwood	7,056.70	1,361.71
Gutters:		
Basalt blocks	9,370.21	3,546.62
Concrete	302.00	45.43
Artificial Stone Walks	32,245.77	33,533.54
Grading:		
Cut	192,154.44	90,002.15
Fill	123,824.50	38,630.94

AMOUNT AND COST OF STREET WORK—PUBLIC—Continued

	Quantity Lin. Ft. & No.	Cost
I. S. P. 6" Diameter:		
Side sewer	6,073.00	$ 2,790.67
I. S. P. 8" Diameter:		
Pipe	16,633.51	23,626.18
Y branches	1,061.00	794.20
I. S. P. 12" Diameter:		
Pipe	10,746.68	16,173.46
Y branches	439.00	608.05
I. S. P. 15" Diameter:		
Pipe	1,984.32	3,244.17
Y branches	78.00	346.40
I. S. P. 18" Diameter:		
Pipe	3,284.34	6,719.81
Y branches	134.00	183.00
I. S. P. 21" Diameter:		
Pipe	307.00	531.60
Y branches	18.00	27.00
Totals	39,028.85	$ 53,085.89
	1,730.00	1,958.65
Manholes:		
New	151	8,332.50
Rebuilt	1	200.00
Catchbasins:		
New	296	16,653.50
Reset	9	205.00
I. S. P. 10" Diameter:		
Culvert	8,529	7,896.77

AMOUNT AND COST OF STREET WORK—CITY PAY.

Fiscal Year ending June 30, 1917.

	Quantity, Sq Yds.	Cost
Aspralt (6" Concrete Base):		
W. S. 2"	237.00	$ 430.55
W. S. 1" Binder 1½"	56,517.66	66,594.68
Basalt Block:		
Header Blocks	850.60	763.27
Curbs:		
Granite, new	2,096.55	1,677.24
Concrete	203.00	152.25
Gutters:		
Concrete	33.44	45.22
Artificial Stone Walks	1,061.00	943.43
Grading:		
Cut	107,069.00	38,456.43
	Lin. Ft. & No.	**Cost**
I. S. P. 6" Diameter:		
Drain pipe	1,000	450.00
I. S. P. 12" Diameter:		
Pipe imbedded in concrete	331	496.50
I. S. P. 12" Diameter:		
Pipe—lin. ft.	365	620.00
Y branches	10	5.00
Manholes:		
New	3	150.00
Catchbasins:		
New	12	566.00
I. S. P. 10" Diameter:		
Culvert—lin. ft.	320	274.45

CONTRACT EXPENDITURES EXCLUSIVE OF HETCH HETCHY WATER

SEW

Contract	Contractor
South Bay View District	Tibbits Pac. Const. Co
Oakdale Avenue Sewer	Karl Ehrhart
Sloat Boulevard, 24th to 31st Ave	Tibbits Pac. Const. Co
Railroad Ave., San Bruno to Ingerson	Tibbits Pac. Const. Co
Somerset, Wayland to Felton and Felton, Somerset to University	Tibbits Pac. Const. Co
Glen Park Sewer, Burnside to Chenery	Karl Ehrhart
LaPlaya and Great Highway, Lincoln Way to Noriega	Clinton Const. Co.
Concrete Sump for Commercial St. Sewer Pumping Station	Bos & O'Brien
Orizaba and Stanley Sts.	D. L. Bienfield
Outfall for Jackson St. Sewer at Pier No. 3	Contra Costa Const. Co.
Dredging around Outfall of Pierce St. Sewer	Healy-Tibbitts Const. Co.
7th Ave. Extended and Dewey Boulevard Sewer	D. L. Bienfield

TUN

Twin Peaks Tunnel	R. C. Storrie & Co.
Stockton Street Tunnel	Jacobsen & Bade

BRID

Third St. Bridge, Alteration of South Leaf	Thomson Bridge Co.
Fourth St. Bridge, Construction	Thomson Bridge Co.
Submarine Cables, Third St. Bridge	Butte Eng. & Elect. Co.
Evans Ave. Bridge at Selby St.	Duncanson-Harrelson Co.
Repairs to Sixth St. Bridge	*Healy Tibbitts Const. Co.

BOULE

San Bruno, Vista to Bay Shore	City St. Imp. Co.
Twin Peaks Blvd., Corbett Ave. to Sly boundary line of Twin Peaks Reservoir Site	F. R. Ritchie
Clarendon and Burnett Aves., St. Germain Ave. to Clayton St.	Flinn & Treacy
Corbett Ave., 24th St. to San Miguel Rancho	D. L. Bienfield
Potrero Ave. Extension, 25th St. to San Bruno Ave.	Eaton & Smith
Marina Boulevard fill, Buchanan to Scott St.	*J. P. Holland
Marina Boulevard fill, Buchanan to Scott St.	*J. O'Shea

AUXILIARY WATER

Hauling and Laying High Pressure Mains, Telegraph Hill, Pine St. and First St.	E. M. Whitlock
Clarendon Ave., St. Germain to Clayton St.	Flinn & Treacy

MISCEL

Section "A" Ocean Beach Esplanade	J. D. Hannah
Section "B" Ocean Beach Esplanade	J. D. Hannah
Municipal Water Works Extension	Tibbitts Pacific Const.

* Informally awarded.

SUPPLY AND STREET IMPROVEMENTS—FISCAL YEAR 1916-1917

ERS

Date of Award	Date of Signing	Amount Expended Prior to July 1, 1916	Amount Expended From 7/1/16 To 7/1/17	Total	Acceptance	Fund
12/20/15	1/3/16	$ 28,144.43	$ 11,688.75	$ 39,833.18	8/11/16	General
5/31/16	6/13/16	2,415.09	15,099.86	17,514.95	10/25/16	General
6/9/16	6/20/16		17,993.60	17,993.60	11/3/16	General
9/6/16	9/21/16		5,224.58	5,224.58	11/11/16	General
11/1/16	11/8/16		(1,000.00	1,000.00	3/9/17	1904 Bonds
			(18,117.31	18,117.31		General
11/13/16	11/29/16		6,491.11	6,491.11	3/16/17	General
10/20/16	11/13/16		37,930.30	37,930.30	5/16/17	General
3/30/17	4/7/17		4,429.46	4,429.46	6/19/17	General
1/17/17	2/20/17		(19,337.66	19,337.66		1904 Bonds
			(360.00	360.00		General
1/17/17	2/7/17					General
5/4/17	5/18/17					General
6/15/17	6/29/17					General
NELS						
11/2/14	11/2/14	2,276,604.32	1,706,765.35	3,983,369.67		Special Asst.
4/11/13	4/26/13	638,285.03	8,448.27	646,733.30	11/19/15	Special Asst.
GES						
4/19/16	4/29/16	2,487.00	498.30	2,985.30	10/11/16	General
6/25/15	7/8/15	51,858.25	54,650.93	106,509.18	2/2/17	General
8/25/16	9/14/16		3,994.00	3,994.00	1/31/17	General
1/26/17	2/6/17		2,000.00	2,000.00	3/9/17	General
11/1/16			1,225.00	1,225.00	12/8/16	General
VARDS						
6/11/15	7/24/15	33,537.15	10,199.13	43,736.28	1/14/16	General
9/20/15	10/11/15	46,364.47	17,825.10	64,189.57	10/9/16	Good Roads
5/15/16	6/7/16	112.50	4,376.78	4,489.28	3/16/17	Good Roads
12/29/15	1/21/16	22,600.00	2,254.22	24,854.22	8/4/16	Good Roads
6/21/16	7/12/16		37,232.31	37,232.31	2/26/17	Good Roads
6/28/17			(1,451.00	1,451.00		Good Roads
6/28/17			(			Good Roads
SUPPLY SYSTEM						
10/11/16	10/25/16		11,858.70	11,858.70	2/15/17	1908 Bonds
5/15/16	6/7/16		723.00	723.00	3/16/17	1908 Bonds
LANEOUS						
11/19/15	12/6/15	(25,963.45	53,827.38	79,790.83	6/20/17	General
7/21/16	8/2/16	(				
3/24/16	4/7/16	1,831.13	47.74	1,878.87	10/11/16	General

CONTRACT EXPENDITURES EXCLUSIVE OF HETCH HETCHY WATER SUPPLY

MISCELLANEOUS

Contract	Contractor
Railroad Ave., Hollister to San Bruno Ave	J. P. Holland
18th and Indiana Sts. Crossing—Steel Stairway	Ralston Iron Works
Islais Creek Channel Dredging	Healy-Tibbitts Const. Co.
	J. P. Holland
Relief Home Tract Boiler, Proposition No. 1	Scott Company
Relief Home Tract Boiler, Proposition No. 4	F. P. Walsh
Northerly ½ Division St., Bryant to 10th St.	Fay Improvement Co.
Extension Municipal Water Mains, University Mound District	H. P. Broderick
Pumping Equipment, Relief Home Water Supply	Simonds Machinery Co.
Drilling Well, City Hall Property	J. B. Rodgers
Westerly ½ Hampshire St., 17th to Mariposa St.	D. J. Counihan

RAIL

Machine Shop Equipment at Pipe Yard	(Various)
Furnishing and Installing Electrical Conductors, Church St., 16th to 18th and 22nd to 30th Sts.	E. Earle Browne
Furnishing and Installing Copper Rail Bonds	Bell & Jamison
Concrete Trolley Poles for Church St., 16th to 18th and 22nd to 30th Sts.	John Spargo
Church St. Rwy. Construction, 18th to 22nd St.	Contra Costa Const. Co.
Church St. Rwy. Const. Narrowing Sidewalks, 14th to 16th St.	Board of Public Works
Concrete Poles; Division St., Bryant St. to Potrero Ave.	*H. S. Tittle
Electrical Conductors—16th and Church Sts. to Van Ness Ave. and Market St.	*H. S. Tittle
Track Special Work, Contract No. 82	U. S. Steel Products Co.
Trolley Poles; 16th and Church Sts. to Van Ness Ave. and Market	John Spargo
Auto Busses	White Company
Conduit Materials—Church St. and Market St., East of Van Ness Ave. and West of Church St.	H. W. Johns-Manville Co.
Copper Trolley Wire	Telephone Elec. Equip. Co.
Electrical Cables and Splicing Materials; Church and Market St., 3rd St. to T. P. Tunnel, except Van Ness to Church	Stand. Underground Cable Co.
Electrical Conductors and Splicing Materials, Twin Peaks Tunnel Railway, C-89	Stand. Underground Cable Co.
Rails, Plates, etc., Market St. Railway, Twin Peaks Tunnel to Geary and Market Sts.	U. S. Steel Products Co.
Rails and Joint Plates, Twin Peaks Tunnel Railway	U. S. Steel Products Co.
Tie Plates Market St., Twin Peaks Rwy. to Sect. "A"	Eccles & Smith
Tie Plates Market., Twin Peaks Tunnel Rwy. to Sect. "D & E"	U. S. Steel Products Co.
Track Specials, Crossings, etc.; Market and Church to Market and Van Ness and Twin Peaks Tunnel Railway	U. S. Steel Products Co.
Twin Peaks Tunnel Railway Construction, C96	Eaton & Smith
Ties for Municipal Railways, C90	A. P. Mahoney
Potrero Ave. Extension, 25th St. to Army St.	Eaton & Smith
Potrero Ave. Rwy. Ext., 25th to Army St.; Poles and Wires	(Various)

* Informally awarded.

AND STREET IMPROVEMENTS—FISCAL YEAR 1916-1917—Continued.

—Continued

Date of Award	Date of Signing	Amount Expended: Prior to July 1, 1916	Amount Expended: From 7/1/16 To 7/1/17	Amount Expended: Total	Acceptance	Fund
4/28/16	5/24/16	1,027.55	2,269.10	3,296.65		Good Roads
5/15/16	6/15/16	11.00	589.10	600.10	10/18/16	General
2/2/16	2/23/16	4,116.37		4,116.37	5/26/16	General
2/7/16		882.50		882.50	2/2/16	General
2/4/16	7/25/16)	1,214.30	13,323.00	14,537.50)	9/25/16	General
2/4/16	2/28/16)			)	4/27/17	General
10/11/16	10/27/16		2,405.19	2,405.19	12/27/16	General
11/16/16	12/7/16		5,094.87	5,094.87	4/4/17	General
3/27/17						General
1/24/17	6/12/17					General
4/9/17	4/26/17					General
WAYS						
		7,519.91	81.75	7,601.66		1913 Bonds
2/11/16	2/25/16	3,353.31	5,847.87	11,201.18	8/9/16	1913 Bonds
3/20/14	4/2/14	32,668.75	1,388.25	34.057.00		1913 Bonds
1/19/16	2/3/16	6,404.41	250.00	6,654.41	8/9/16	1913 Bonds
12/10/15	12/27/15	93,371.79	33,976.54	127,348.33	10/11/16	1913 Bonds
			2,517.66	2,517.66		
4/16/17			420.00	420.00	5/9/17	
4/18/17	4/31/17	683.55	6,241.65	6,925.20	8/24/17	1913 Bonds
7/5/16	7/19/16		16,420.94	16,420.94		1913 Bonds
4/16/17	4/30/17		5,152.04	5,152.04		1913 Bonds
2/19/17	3/8/17					Munic. Ry.
4/4/17						Munic. Ry.
2/19/17	2/27/17		13,741.68	13,741.68	6/20/17	Munic. Ry.
3/19/17	4/4/17		6,866.25	6,866.25		Munic. Ry.
1/4/17	1/13/17		16,186.37	16,186.37		Munic. Ry.
8/18/16	9/2/16		37,540.88	37,540.88		Munic. Ry.
8/18/16	9/2/16		29,508.23	29,508.23		Munic. Ry.
3/23/17	4/7/17		11,380.15	11,380.15	6/13/17	Munic. Ry.
3/23/17	4/23/17		3,319.14	3,319.14	6/15/17	Munic. Ry.
7/5/16	7/19/16		9,232.00	9,232.00		Munic. Ry.
6/21/17						Munic. Ry.
5/7/17	5/31/17		11,550.00	11,550.00		Munic. Ry.
10/23/16	11/8/16		7,171.77	7,171.77	1/31/17	Munic. Ry.
			562.12	562.12		Munic. Ry.

MUNICIPAL RAILWAYS.

CHURCH STREET LINE:

The Church Street Line of the Municipal Railway commenced operation on the 11th of August, 1917. The placing of this road in operation marks the completion of the final link of the extensions contemplated under the Bond Issue of 1913, when the citizens of San Francisco voted $3,500,000 for extending the Municipal Railway System by the construction of some 12 miles of double track and the purchase of the Presidio & Ferries Railroad or the so-called Union Street Line comprising 3.78 miles of double track.

In the last Annual Report of the Bureau of Engineering there was presented in detail a chronology of the public proceedings had in connection with the construction of the Church Street Line, so that it is sufficient here but briefly to touch upon this earlier history.

The Church Street Line contemplated under the provisions of the Bond Issue consisted of an extension of the Municipal Railway System from Van Ness Avenue and Market Street, out Market Street to Church and over Church Street to 30th Street. For a number of reasons, in constructing this road, it was considered necessary to divide the line into three sections:

Section "A" from Van Ness Avenue and Market Street to 16th and Church Streets; Section "B" from 18th and Church Streets to 22nd and Church Streets; and Section "C" from 16th and Church Streets to 18th and Church Streets and from 22nd and Church Streets to 30th and Church Streets.

Section "A" included that portion of the line in which it was anticipated that legal difficulties and obstacles would be placed in the City's way by the United Railroads. Section "B" covered that portion of the road where a diversion was made from Church Street through Mission Park and a private right of way which involved the acquisition by condemnation or purchase of a large number of small parcels of land, and Section "C" comprised that portion upon which no unusual conditions existed.

Section "C" was completed April 29, 1916. Section "B" was completed June 28, 1916, and Section "A," the last link to be finished, was completed on the 1st of August, 1917.

This latter contract was awarded to the Western Motor Drayage Company on the 16th of March, 1917. The completion of this contract was contingent upon the delivery of the track special crossings of manganese steel which had to be manufactured and delivered from the East, after the last legal obstacle in the way of the construction of the line had been removed.

In order to expedite this work to the fullest degree, this office had prepared the necessary plans and specifications and the Board of Public Works had advertised for bids and entered into a contract with the United States Steel Products Co. for the delivery of these special track castings within 90 days after the receipt of the order. This arrangement in effect gave the City an option on this material, which was to be exercised in the contingency of a favorable decision from the United States Court, to which the United Railroads had appealed for an injunction to prevent the construction of parallel tracks on Market Street and on Church Street.

On January 18, 1917, Judge Wm. H. Hunt, of the United States District Court handed down a decision of the most momentuous import to our Municipal Railway System. In his decision, in which he denied the injunction sought, he stated:

> "It is accepted that the destruction of the franchise is not possible, but even so, in the complexities of modern society new conditions present themselves which may call for the safeguarding of the public interest in a way

which justifies the application of the doctrine that the police power may extend to all great public needs."

And further:

"There being no statutory rule against one street railway company from crossing the tracks of another, I do not find that compensation must first be paid for the crossing."

In his opinion, he quotes, from the case of the Consolidated Traction Company vs. the South Orange and Maplewood Traction Co., in which the Court held that,

"Although the crossing necessitates some actual interference with tracks as constructed and to some extent changes thereafter the exclusive use by the one company of its crossings, still such changes are the necessary result of the development of the method of operating electric roads at their points of crossing, and are such as are made necessary as the best and safest methods now attainable for the safety and convenience of the public in the operation of both roads at the point of crossing: that they are changes and burdens in the use of its tracks and trolley system to which the original right to lay and construct them was necessarily subject."

Immediately upon the receipt of Judge Hunt's decision the United States Steel Products Company was ordered to proceed with the manufacture of the crossings for Section "A" of the Church Street Line. While these crossings were being manufactured, the specifications were prepared and bids advertised for the construction of the track work on this section and also for the erection of the poles and overhead electrical work.

In connection with the question of poles for this section of the line, this office took up with the United Railroads the question of entering into an agreement with that Company for the use of the existing poles on Market Street and on Church Street in order to avoid the unnecessary duplication of poles on these streets, suggesting as a basis for the agreement the so-called Joint Pole Agreement which is in effect between the various public service corporations of the City, under which any company is allowed to use the poles of another corporation by paying the proportional cost for the pole, or other equitable arrangement. This the United Railroads refused to do, whereupon the City entered into a contract for the erection of a second set of poles on Market Street from Van Ness Avenue to Church Street and on Church Street from Market to 16th Street. While these poles were being manufactured, but before they were placed in position, the Chairman of the Public Utilities Committee, Supervisor Edward I. Wolfe, appealed directly to Mr. Lilienthal, President of the United Railroads, to reconsider his objection and allow the City to use the United Railroads' poles. Mr. Lilienthal, after further review, yielded and the Contractor was directed not to set the poles.

After the award of the contract for the construction of Section "A," when the Board of Public Works requested the Supervisors to appropriate the amount of the contract, an effort was made by individuals representing different interests to effect an agreement between the City and the United Railroads, which would obviate the necessity of constructing these additional tracks on Market Street. The consideration of these questions by the Board of Supervisors consumed several weeks before they decided to proceed with the construction of outer tracks from Van Ness Avenue to Church Street, but with the expressed intention of a number of the members of the Board that the further construction of tracks on Market Street, that is, between Kearny Street and Van Ness Avenue and between Church Street and Castro Street, would not proceed until further effort had been made to reach an agreement looking to the use of the United Railroads tracks on this portion of Market Street.

TWIN PEAKS TUNNEL LINE:

R. C. Storrie & Co., who have the contract for the construction of the Twin Peaks Tunnel, completed their work early in July, 1917, and the 14th day of July was set as the day to celebrate the completion of the Twin Peaks bore. At the completion of the dedication ceremonies the construction of the railway through the Twin Peaks Tunnel will be commenced.

The contract for the construction of the railway through the tunnel was awarded to Eaton & Smith for the sum of $80,467.25. This contract is for double track overhead electric railway from East Portal of Twin Peaks Tunnel near Castro Street, through the tunnel, and over West Portal Avenue to the junction of Sloat and Junipero Serra Boulevards. The trolly wire, rails, ties, tie plates and other track material for this work are being furnished by the City, having been purchased under contract over a year ago, in order to assure their being on hand when the work was ready to commense.

The type of track to be installed through the tunnel is what is known as ballasted open track construction. The rails weigh 70 pounds per yard and are in 60 foot lengths through the tunnel. This longer length of rail was adopted for use in the tunnel to secure smoother, quieter operation by the reduction of the number of joints. The longer length rail has the further advantage of reducing the cost of maintainance and of bonding. This length of rail is not generally adopted for railroad construction in the open as the allowance at the joints to care for expansion due to temperature changes in exposed work becomes excessive. This objection does not hold in the tunnel, where there will be comparatively small temperature changes, permitting the joints to be laid close.

The type of overhead trolley work is what is known as the catenary suspension type. In this construction as adopted the trolley wire is supported at 12 foot intervals from a separate steel cable ⅜ inch in diameter, which is stressed in tension to approximately 1800 pounds. The frequent points of support maintain the trolley wire at practically a uniform elevation above the track, thereby avoiding the sparking and wear found at the points of support in the ordinary type of construction. This will also in a large measure reduce noise in the tunnel by eliminating any rigid connection between the trolley wire and the suspended ceiling in the tunnel.

The construction of this Twin Peaks Tunnel line will be completed on or before December 1, 1917, and it is hoped that by the time it is completed some solution will be had for operating cars directly down Market Street and connecting with the existing lines west of the Twin Peaks.

The schedule time for cars through the Tunnel will be 6 minutes and 23 seconds eastbound, and 7 minutes 16 seconds westbound, allowing for stops at both stations.

The running time of the United Railroads cars from 17th and Market Streets to the Ferry at the present time is 20 minutes. If outer tracks are constructed on Market Street to Kearny Street this time will be reduced at least 3 minutes. This will make the running time from Sloat Boulevard to the Ferry 26 minutes, or about 20 minutes less than the time now required.

FOUR-TRACKING MARKET STREET:

When the routes for the extension to serve the Exposition were determined upon prior to the bond election of 1913, the City Engineer realized that there would be serious opposition encountered to the construction of tracks on Market Street from Van Ness Avenue to Church Street. To guard against this the enacting ordinance was so framed as to permit a suitable connection from Van Ness Avenue and Market Street to Church Street, it being in mind, in event of an adverse decision of the Courts, that this connection could be made by leaving Market Street after five blocks.

This Department made an effort to start the construction of this section of the line first, in order that the legal difficulties might be met and solved in advance of constructing the remaining portion of the work. This idea met with the opposition of certain members of the Board of Supervisors who desired to have the plan for overcoming the grades on Church Street adopted first. The result of this departure from the Engineer's recommendation was to have Section "B" and "C" of the Church Street road, that is, the portion south of 16th Street on Church Street, completed and lying idle for one whole year awaiting the determination of the City's right on Market Street.

After the above condition was created, this Department evolved a plan under which, by a temporary transfer agreement made with the United Railroads, the Church Street Line could be operated from 30th to Market Street. This temporary transfer agreement was rejected by the Board of Supervisors and upon the United Railroads refusing to allow a connection to be made with their tracks at 16th and Church Streets, after having agreed to sell to the City a one-half interest in those tracks on Church Street, the Board of Supervisors passed a resolution directing the Board of Public Works to proceed with the construction of outer tracks on Church Street from 16th to Market Street and on Market Street from Church Street to Van Ness Avenue. The Supervisors further, by resolution, directed the Board of Public Works to prepare plans for the construction of outer tracks on Market Street from Kearny Street to Van Ness Avenue and from Church Street to the East Portal of Twin Peaks Tunnel. Thereafter in order to bring the matter into the Courts and secure the earliest possible decision as to the City's rights on Market Street, upon the recommendation of the City Engineer, the Board of Public Works adopted a resolution authorizing the City Engineer to construct outer tracks on Market Street and Church Street by day labor. Immediately following the passage of this resolution work was commenced at the intersection of Van Ness Avenue and Market Street to install a crossing in the United Railroads tracks. On the following day an injunction was served on the Board of Public Works and the City Engineer restraining them from further work on this construction, and on August 22nd, 1916, Judge Wm. H. Hunt, United States District Court, commenced the hearing of the case, which hearing was completed on the 25th of August. On the 18th of January, 1917, as noted before, a decision favorable to the City was returned. As before referred to, following the award of contract for Section "A" of the Church Street Line, when the appropriation was requested to cover the contract price, considerable opposition developed to the construction of outer tracks on Market Street. After extended deliberation the Supervisors finally appropriated the money so that the contractor could proceed with that portion of the work from Van Ness Avenue to Church and 16th Streets.

At the time the question of appropriation was being considered by the Board of Supervisors, Mr. Lillienthal, President of the United Railroads, made a proposal under the terms of which the City would be allowed to operate its Church Street cars over the Market Street tracks of the United Railroads to Van Ness Avenue on a mileage basis, and to route the Twin Peaks Tunnel cars down Market Street to the Ferry. This offer was rejected by the Board of Supervisors as far as its application to Section "A" of the Church Street road was concerned, but with the idea and the expressed intention of a number of the Board that when the question of appropriations for constructing the outer tracks connections on Market Street from Van Ness Avenue to Geary Street and from the Tunnel to Church Street already authorized by Ordinance of the Board of Supervisors should come up, further consideration would be given to the offer of the United Railroads. In the meanwhile, as time was running against the consummation of our transportation plans, it was essential that some decision be reached as to the policy to be adopted in order that the necessary material could be purchased. To develop a definite policy and bring the matter to a focus, this office took such steps as were within its province and certain negotiations were had with the United Railroads.

The exchange of correspondence on this four-tracking proposition is herewith presented in full.

UNITED RAILROADS OF SAN FRANCISCO
58 Sutter Street

President's Office

San Francisco, January 29, 1917.

Honorable the Mayor and Board of Supervisors
of the City and County of San Francisco.

Dear Sirs: Not alone as President of the United Railroads but more particularly as a citizen who knows that he is always ready to place the public welfare above private interests, I earnestly recommend to your Honorable body the postponement of the proposed action to parallel the tracks of the Company until at least the City Engineer and our General Manager will have had an opportunity to confer with a view to devising some plan that will provide a fair solution of pending transportation problems.

It will be admitted that the proposed construction on Market Street will prove an unprofitable financial operation for the City, and, if allowed to be permanent, will amount to confiscation of property of the Company. To the extent that the municipal lines have money to spare to build extensions, it would seem to be the part of wisdom to apply such surplus to building lines in sections of the city which are not yet provided with adequate transportation rather than in places already sufficiently supplied.

I am sure that if this matter be approached in the spirit that should dominate such a negotiation, a solution can be found that will redound to the advantage of all the people of the city.

Yours very respectfully,

(Signed) JESSE W. LILIENTHAL,
President, United Railroads of San Francisco.

Jan. 29, 1917. Read and referred to Public Utilities Com.

CITY'S SUGGESTED SOLUTION.

February 1, 1917.

1. Church Street to the Ferry, 15 cars at present, more later when Bernal Cut is in operation.

2. City to operate 10 tunnel cars to Ferry, both tunnel and Church Street cars to be on mileage basis to be determined, tunnel cars to be routed on Ocean Avenue to Mirimar Avenue.

3. Full transfers to be put into effect, affecting connecting lines.

4. United Railroads construct tracks on Taraval Street from ocean to the tunnel portal with right to operate until 1933, when City will take new tracks at physical value, United Railroads to readjust operation of remaining Parkside lines.

5. City furnish power Church Street and tunnel lines with interconnections between both feed systems for emergency.

6. United Railroads to facilitate construction and operation of cross-town tracks by the City on Army Street from Church Street to Third Street (Kentucky Street). (This means general exchange of transfers.)

7. Should congestion from proposed arrangements crowd Market Street then United Railroads would reroute some of its north of Market Street lines down Mission Street.

PROPOSALS FOR MARKET STREET OPERATION UNITED RAILROADS.

(a) The City to operate the Church Street line on Church Street from 16th Street, and on Market Street from Church to Van Ness Avenue over the tracks of the United Railroads, and then north on Van Ness Avenue.

(b) The City to operate the Parkside lines and give direct service through the tunnel to ferry over the tracks of the United Railroads from the tunnel to ferry on a headway limited to that necessary to serve Parkside, approximately 5 minutes. The City to also operate the tunnel lines from the West Portal over Ocean Avenue to Miramar Avenue.

(c) United Railroads to make a transfer agreement on a 50/50 basis at 20th Avenue and Lincoln Way and at Miramar and Ocean Avenues for Parkside operation, and Church Street and tunnel lines on Market Street to transfer to connecting Municipal lines.

(d) The City to pay for the use of tracks and power of the United Railroads on Parkside lines and on Market and Church Streets on a mileage basis at a rate to be agreed upon.

(e) This agreement to continue subject to termination at the option of either party on twelve (12) months' notice.

UNITED RAILROADS OF SAN FRANCISCO
58 Sutter Street
San Francisco, Cal.

William von Phul
Vice President & General Manager

February 2, 1917.

Mr. M. M. O'Shaughnessy,
City Engineer,
San Francisco, Cal.

Dear Sir: I beg to enclose you, herewith, a copy of the proposal which we will make to the Public Utilities Committee this afternoon covering the proposed operation on Market Street.

Yours truly,

(Signed) WM. VON PHUL,
Vice President & General Manager.

UNITED RAILROADS OF SAN FRANCISCO
58 Sutter Street
San Francisco, Cal.

William von Phul
Vice President & General Manager

February, 2, 1917.

PROPOSAL FOR MARKET STREET OPERATION UNITED RAILROADS

(a) The City to operate Church Street line on Church Street from 16th Street, and on Market Street from Church Street to Van Ness Avenue over the tracks of the United Railroads, and then north on Van Ness Avenue.

(b) The City to operate the Parkside lines and give direct service through the tunnel to ferry over the tracks of the United Railroads from the tunnel to the ferry on a headway limited to that necessary to serve Parkside, approximately 5 minutes. The City to also operate the tunnel lines from the West Portal over Ocean Avenue to Mirimar Avenue.

(c) United Railroads to make a transfer agreement on a 50/50 basis at 20th Avenue and Lincoln Way and at Miramar and Ocean Avenues for Parkside operation, and Church Street and tunnel lines on Market Street to transfer to connecting Municipal lines.

(d) The City to pay for the use of tracks and power of the United Railroads on Parkside lines and on Market and Church Streets on a mileage basis at a rate to be agreed upon.

(e) This agreement to continue subject to termination at the option of either party on twelve (12) months' notice.

(Note.—Submitted to Public Utilities Committee on this date—not adopted.

On Feb. 5.—Supervisors passed ordinance authorizing contracts to be let for for outer tracks on Market Street). NAE

UNITED RAILROADS OF SAN FRANCISCO
58 Sutter Street

President's Office March 28, 1917

Honorable Mayor and Board of Supervisors
of the City and County of San Francisco.

Dear Sirs: I had occasion in a recent communication to say to you that, notwithstanding the official position which I occupy with the United Railroads, I knew that I was always ready to place the public welfare above private interests, and in that spirit I take the liberty to urge upon you not to carry out the proposed plan for the paralleling of the tracks on Market Street.

The Company is willing that the City should operate its Church Street line from 16th Street on Church Street and on Market Street from Church Street to Van Ness Avenue on the tracks of the United Railroads on a mileage basis.

The Company is further willing that a limited number of Church Street cars be operated over the tracks of the United Railroads to the Ferry upon a similar mileage basis; and to make a transfer agreement, on a 50/50 basis, providing for exchange between the Church Street line and our Market Street lines.

With this disposition on the part of the Company, I permit myself to say that there does not appear to be any warrant for the proposed expenditure of city moneys, because the desired transportation facilities would be provided for without further expenditure. In view of the crying need of many districts in the city for transportation facilities which the Company under existing charter conditions is not able to provide, it would seem that any city moneys that may be available should be applied to providing such transportation facilities rather than to duplicating existing ones, with the economic waste that that would involve.

I am making a proposal, at great financial sacrifice to the Company, which should in my opinion be acceptable to you in the interest of all the people, but if any modification of same is desired by you I shall be glad to receive your further suggestions.

Very respectfully yours,
(Signed) JESSE W. LILIENTHAL,
President.

CITY'S SUGGESTED SOLUTION, AS MODIFIED APRIL 16, 1917.

1. Church Street to the Ferry, 15 cars at present, more later when Bernal Cut or other connections are in operation, on mileage basis.

2. City to operate 10 tunnel cars at present to Ferry, both tunnel and Church Street cars to be on mileage basis to be determined, tunnel cars to be routed on Ocean Avenue to Miramar Avenue.

3. Full transfers to be put into effect, affecting connecting lines.

4. United Railroads to construct tracks on Taraval Street from Ocean to the tunnel and operate through the tunnel on mileage basis over City tracks, with right to operate until 1933, when City will take new tracks at physical value, United Railroads to readjust operation of remaining Parkside lines.

5. City furnish power to Church Street and tunnel lines with interconnections between both feed systems for emergency.

6. United Railroads to facilitate construction and operation of cross-town tracks by the City on Army Street from Church Street to Third Street (Kentucky Street). (This means general exchange of transfers.)

7. Should congestion from proposed arrangements crowd Market Street then United Railroads would reroute some of its north of Market Street lines down Mission Street.

(Signed) M. M. O'SHAUGHNESSY,
City Engineer.

CITY AND COUNTY OF SAN FRANCISCO.

Department of Public Works
Bureau of Engineering

April 23, 1917.

Mr. Jesse W. Lilienthal,
President, United Railroads,
San Francisco, California.

Dear Sir: Your letter of March 29, 1917, addressed to the Mayor and the Board of Supervisors on the subject of the operation of the Church Street line, in which you have made certain offers looking to an agreement covering the operation of this line of the Municipal Railway System over your tracks, was, as you know, referred to the Public Utilities Committee, who have requested that I take the matter up with you in order that the suggestions made might be more thoroughly and definitely understood and, if feasible, some recommendation made looking toward an agreement satisfactory to both the City and to yourselves.

To amplify and make more concrete your offer, will you kindly answer the following questions:

FIRST—What charge would the United Railroads propose to make to the City for the use of the United Railroads tracks and power as contemplated in your letter? If you are not prepared at this time to state this as so many cents per car mile, will you state exactly what elements would go to make up this charge, and, particularly, if this mileage charge would be such as to cover any loss which the United Railroads feel they might sustain due to the City's parallel operation of your lines.

SECOND—Will you state definitely the number of Church Street cars which you would agree to allow the City to operate through to the Ferry on the inner Market Street tracks during the rush hours and at other periods. Before the Board of Supervisors you stated that this number would be limited only by the number that could be so operated without curtailing the existing service of the United Railroads.

THIRD—Does the offer of the United Railroads contemplate the use of the inner tracks on Market Street to the Ferry for the cars of the Municipal Railways to be operated through the Twin Peaks Tunnel, and, if so, how many as a minimum? The use of the United Railroads Market Street tracks for the Tunnel cars is not covered in your letter, but I believe that verbally before the Board of Supervisors you stated that this was not intentionally omitted.

FOURTH—Further, along the line of question number three, does your offer contemplate allowing the City to use your Ocean Avenue, Sloat Boulevard and Parkside tracks on a similar mileage basis for Tunnel cars?

FIFTH—Does the offer of the United Railroads contemplate the exchange of transfers between any other lines of the United Railroads and the Municipal Railways than the Church Street and the Market Street lines mentioned, as, for instance, transferring on a transfer from the Church Street line; at Ocean Avenue and Miramar; and at 19th and Sloat; or 20th and Lincoln Way; or at any other points?

SIXTH—Is it your intention that such agreement would extend to the expriation of your Market Street franchise, or would it be terminable following the decision of the United States Supreme Court to which I understand it is the intention of your Gompany to carry its appeal from the decision of Judge Hunt?

As you will recognize, all of these questions are pertinent to the subject and before I can make any recommendation to the Public Utilities Committee it is necessary that I have a thorough understanding on all these points.

Yours truly,

(Signed) M. M. O'SHAUGHNESSY,
City Engineer.

June 20, 1917.

Mr. Jesse W. Lilienthal,
President, United Railroads,
58 Sutter Street, City.

Dear Sir: On April 23, 1917, a conference was held in my office to discuss transportation facilities for the district west of Twin Peaks and the operation of Municipal cars on Market Street. This conference was attended by Mr. von Phul and yourself of the United Railroads and Supervisor Wolfe, my assistant, Mr. Eckart, and myself.

The subject of your proposal of March 29, 1917, addressed to the Mayor and the Board of Supervisors, in which you expressed your willingness to allow the City the use of your tracks on Market Street for the tunnel cars and a limited number of Church Street cars, was brought up. You thereupon stated that the City's decision to construct outer tracks on Market Street between Church Street and Van Ness Avenue was taken by the United Railroads to be a rejection of the proposal submitted and that the offer was no longer open for consideration. You further stated, however, that you were willing and would prepare and submit a new proposition covering the most favorable offer you could make to the City under existing conditions.

At the time also I handed to you for your consideration a memorandum of date of April 16 covering certain definite propositions which would be satisfactory to the City.

Up to the present time we have not received either the new proposition from the United Railroads or a response to the proposal of the City. As the time is rapidly approaching when a definite decision must be made as to the policy to be pursued on Market Street, I take the liberty of again calling this matter to your attention and to urge upon you an early response.

Trusting that you will realize the urgency of the situation, I am

Yours truly,

M. M. O'SHAUGHNESSY,
City Engineer.

UNITED RAILROADS OF SAN FRANCISCO
58 Sutter Street
President's Office

San Francisco, June 22, 1917.

Hon. M. M. O'Shaughnessy,
City Engineer,
City Hall, San Francisco, Cal.

Dear Sir: I have your favor of the 20th inst.

You will appreciate that for the next few days I shall have to neglect all of

my usual duties in devoting my time to the Red Cross campaign, but as soon as this is ended I shall give careful attention to the request made by you.

Your very truly,

(Signed) JESSE W. LILIENTHAL,
President.

UNITED RAILROADS OF SAN FRANCISCO
58 Sutter Street
President's Office

San Francisco, July 2, 1917.

His Honor, the Mayor, and the Board of Supervisors
of the City and County of San Francisco.

Dear Sirs: In view of the early completion of the tunnel and the necessity of providing for immediate use of the improved facilities thus made available and realizing the great importance and benefit to the citizens of San Francisco of a unified system of transportation, we submit for your consideration a plan of operation which will obviate the necessity of duplicating transportation facilities on Market Street.

We propose that the City and the Company agree:

1. That the Company re-arrange such part of the present Parkside lines as may be necessary to furnish the best service to the Sunset District, and make connections from these lines to the tunnel tracks;

2. That the Company pay the City on a mileage basis, for the use of the City's tracks through the tunnel;

3. That there be established between the City and the Company a universal exchange of transfers at all connecting points so that a unified system of transportation may be furnished.

4. That the City agree that no further tracks be built on Market Street and that the City will operate its cars over Market Street as at present, except for that portion of Market Street from Church Street to Van Ness Avenue forming part of the Church Street Line.

5. That should an agreement be entered into on the above basis, such agreement be subject to cancellation by either party upon six months' notice; with the further proviso that, should the agreement be cancelled by the City, then the City to reimburse the Company for the cost of the reconstruction of its Parkside lines that may be agreed upon as well as for the cost of making connections of the tunnel tracks with the existing tracks of the Company.

Very respectfully,

(Signed) JESSE W. LILIENTHAL,
President, United Railroads of San Francisco.

MOTOR BUSSES:

In response to a request of the Public Utilities Committee of the Board of Supervisors, that this office report upon the route for a motor bus line in connection with the Municipal Railways across Golden Gate Park and the cost of operating same, the following report was submitted:

San Francisco, September 6, 1916.

To the Honorable Public Utilities Committee
of the Board of Supervisors, San Francisco.

Gentlemen: In response to your request that this office prepare and submit to the Public Utilities Committee data on the cost of operation of and routing of motor busses in connection with Municipal Railway across Golden Gate Park, I beg to submit the following:

The route selected for motor bus operation is from 10th Avenue and Fulton Street across the Park to 9th Avenue and Lincoln Way, thence to Judah Street and out Judah Street to 33rd Avenue, with the view of future extension out towards the ocean, as circumstances may warrant.

The round trip length of this route is 5 miles. The schedule assumed calls for a headway of from 7 to 12 minutes, with a view of meeting and connecting with the alternate cars on the "A" line as now operated. This will require four busses in service during the rush hours and a total of 120 round trips per day. This, with the dead mileage to and from the carbarn, will require 625 bus miles per day.

An investigation has been made as to cost of operating several types of busses. These figures, including original investment (for 5 busses, one spare being deemed necessary), depreciation, interest, administration charges, maintenance and operation expense, range from 12.1 cents to 15.6 cents per bus mile, assuming 13 cents, the average daily cost would be $81.25.

The cash receipts alone of the bus line would not warrant its installation but it is estimated that when considered with the increased receipts on the "A" line, the installation of this bus line would be justified, in view of the fact that the increased traffic would be handled without the addition of any more cars on this route.

With the development of the district through which the busses operate and the extension of this bus system to other districts the system will soon be put on a money making basis.

It should be borne in mind that the construction of tracks on a street is an indication to the property owners and prospective home builders of an assured service for all future time, whereas with a bus line it is within the power of the governing authorities to change the route or terminate the operation of the bus system at will. The effect of this uncertainty could be minimized by the establishment of a fixed policy to continue the bus service through any district where it is once established until such time as the traffic density would warrant the construction of street car tracks.

This office feels that the automobile bus has its place in the solution of the transportation problem in San Francisco, particularly in pioneering the development of thinly settled but growing districts, and it is felt that the investment involved in the installation of a bus line connecting with the present terminal of the "A" line at 10th avenue and Fulton Street would be fully justified in that it would give service to a growing district for some years prior to the construction of a permanent street car line.

The route across the Park is necessarily somewhat tortuous, which would add somewhat to the danger of operation across the Park, particularly at night. In this connection opportunity is taken to direct your attention to the desirability of a surface road crossing the Park in this vicinity with depressed crossing at the main drives, to give a proper connection for ordinary traffic between the Sunset and Richmond Districts.

Respectfully,

(Signed) M. M. O'SHAUGHNESSY,
City Engineer.

Following the submission of this report and upon the recommendation of the Public Utilities Committee the Board of Supervisors adopted a resolution directing the City Engineer to prepare plans and specifications for auto busses suitable for use in conjunction with the Municipal Railways. In accordance with this resolution specifications were prepared by the City Engineer and approved by the Board of Supervisors, which then authorized and directed the Board of Public Works to advertise for bids and enter into contracts for the purchase of these busses.

The motor busses for which bids were invited are of the enclosed semi-convertible type, adapted for one man operation. The bus is arranged with a combination of longitudinal and transverse seats and will carry 18 seated passengers with accommodations for 11 standing passengers. They are equipped with pneumatic tires, insuring a minimum of comfort and a prolonged life of the motor equipment. The exterior will be painted and finished to match the standard municipal cars. The busses will be upholstered in leather and the interior finish is of the highest quality throughout. Special provision has been made to secure proper ventilation so that with all windows closed there will be a good circulation of air. The body lines are neat and pleasing and a departure from the ordinary passenger carrying bus in this regard.

A great deal of study was given in the preparation of the specifications to devise a method of comparing bids which would secure for the City a bus combining the highest standard of workmanship with the least operating cost; in other words, to secure the best value for the money paid.

In order to secure these conditions the specifications provide "that the lowest bid will be considered to be that covering a bus which will, in the judgment of the City Engineer, show the lowest net cost of operation over 125,000 miles, and at the same time meeting the requirements of these specifications as to general design, construction, appearance, and serviceability.

"All elements affecting the ultimate cost of operation will be considered, using the bid prices and guarantees, insofar as they may apply, and arbitrary values as estimated by the City Engineer, to cover any and all elements affecting the operating costs not covered by bid prices or guarantees made in the proposal.

"In comparing bids due allowance will be made for the difference in cost of the tire equipment covered in the proposal. Other items of the equipment of accessories not affecting the reliability of service or the cost of operation and maintenance, will be reduced where practicable to an equivalent basis for the comparison of bids.

Before awarding a contract for any auto bus the Board of Public Works may require the bidder to demonstrate to the satisfaction of the Board that a chasis of the make and model named in the proposal is capable of satisfactorily meeting the requirements and tests herein prescribed. Satisfactory completion of such preliminary test shall not relieve the Contractor of the requirements of the acceptance tests."

It will be seen from the foregoing that the object of the competitive bids was to secure a type of bus which would cost the City the least money throughout a period of 3 or 4 years representing what might be considered as the normal life of a good bus.

Under these specifications some six bids were received. After investigating the several bids and making test runs of similar chasis manufactured by the several bidders, the City Engineer recommended that the Board of Public Works award the contract to the White Company on the counts that the bus offered by the White Company best meets the requirements of the specifications and would show the lowest net operating cost over 125,000 miles of operation, taking into consideration all elements affecting the operating cost. The contract was awarded to the White Company and the Board of Supervisors was requested to appropriate the amount of the contract price.

Protests were registered by several of the other bidders, who claimed that their bid was lower than that of the White Company. This matter was referred to the Board of Public Works and a public hearing granted to all protestants. After carefully considering points raised by the protestants and the report of the City Engineer, the Board of Public Works determined that there was no argument presented which would lead it to change its decision. This was reported back to the Board of Supervisors, who thereupon appropriated the necessary money to cover the contract price.

Subsequently the Home Industry Leage took up the protest of the dissatisfied bidders and employed an attorney to secure an injunction to prevent the Board of Public Works from accepting the busses being manufactured by the White Company. The application for injunction was heard by Judge Seawell and denied.

Subsequent to the determination by the Supervisors to establish a bus service across Golden Gate Park to operate in conjunction with the Municipal Railway System the Board of Harbor Commissioners requested that the City establish a bus system on the Embarcadero to extend from the Channel at the foot of Second Street around the Embarcadero and going as far north as Fisherman's Lagoon at the foot of Taylor Street. In the communication addressed to the Mayor and Board of Supervisors the Harbor Commission stated that it would provide and maintain a smooth pavement at least 30 feet wide for the use of such bus line without cost to the municipality. The matter was referred to this office for a report and a comprehensive study was made as to the probable traffic which such a bus service would be required to handle, an actual count being made by means of a circular letter of all employees of the steamship and shipping companies and other offices along the water front, together with the probable number of passengers handled in and out of the port by the said companies. Based on these studies this office reported back to the Public Utilities Committee as follows:

MOTOR BUS LINE ON THE EMBARCADERO.

January 3, 1917.

Public Utilities Committee,

Board of Supervisors,
San Francisco.

Gentlemen: In response to your request that this office report upon the establishment of a motor bus service on the Embarcadero, as proposed by the Board of State Harbor Commissioners, in their letter to the Mayor and Board of Supervisors under date of December 12, 1916, I beg to submit the following:

The Board of State Harbor Commissioners, in their letter, have suggested the establishment of a municipally operated motor bus line around the active waterfront on the Embarcadero from the Fisherman's Lagoon at the foot of Taylor Street on the north to the Channel or Third and Townsend Streets on the south, with transfer connections to the Municipal Railway System at the foot of Market Street, and have offered, without cost to the municipality, for the use of such bus line, a smooth asphalt pavement.

The need of transportation service along the Embarcadero has long been recognized and Bion J. Arnold, in his Transportation Report recommended a street car line along the Embarcadero as one of the future desirable extensions. The cost of constructing a railroad and the difficulty of operating such a road have been such as to render its construction prohibitive. These restrictions do not apply to motor busses which would seem to be almost ideally suited to this service, provided that there is the smooth pavement to travel on, with reasonable traffic regulations.

The round trip of the route is 6 miles. A tentative schedule has been prepared which provides for a 5 minute headway during the rush hours, 6½ minutes during the middle of the day, and 10 minutes in the early morning and evening. There would be 123 round trips which, with the dead mileage to and from the carbarn, will require approximately 800 bus miles per day. The total cost of this service, including the original investment for 9 busses (one spare being deemed necessary), depreciation, interest, administration charges, maintenance, and operating expense, would amount to $144 per day.

A study of the amount of business which might be expected for this bus line

has been made, which indicates that the receipts at this time of the year will just about meet the cost of service above mentioned, and during the months of heavy travel should show a slight margin of profit.

The small margin between revenues and operating cost would demand, for the success of the line, that it be operated under good traffic regulations and without competition. This office recommends that the motor bus service be established on the Embarcadero along its entire length at such time as the Harbor Commission shall complete the asphalt paving contemplated in their letter to your Board, provided that competition is not permitted and that reasonable traffic regulation is maintained.

Respectfully,

(Signed M. M. O'SHAUGHNESSY
City Engineer.

The introduction of motor busses as an adjunct to the Municipal Railway System must be looked upon somewhat in the nature of an experiment, for the Municipal Railways are practically pioneers in this movement. It must be borne in mind that these motor bus extensions are not expected to be a source of revenue to the railways. On the contrary, the City must expect to operate these at some loss in an effort to provide service in thinly settled districts or districts where car service cannot be otherwise given, the idea being that the loss in operating motor busses will be less than that incurred by constructing and operating railroad extensions in these districts at the time.

The opportunity is taken to emphasize that paragraph in my report in which the recommendation is made that where a bus service is installed on a definite route this route must be permanently established by action of the Board of Supervisors in order that the service will continue until the conditions warrant the replacement of such bus service by the construction of a line of street railway. A great deal of the objection of property owners to the installation of bus service instead of street car service is due to the fact that they have no assurance that service will be permanent. Without such assurance people hesitate to buy property in these districts or, if they already own property, to build their homes thereon, as there is always a feeling that the bus service may be taken away, whereas if tracks are constructed they feel that they are assured of permanent service.

STATEMENT OF 1910 GEARY STREET BONDS.

Total receipts from Bonds and Miscellaneous Sources	$1,934,796.27
Expended to date	1,934,587.52
Balance on hand	$ 209.75

STATEMENT OF 1910 MARKET STREET BONDS.

Total Receipts from Bonds and Miscellaneous Sources	$81,843.58
Expended to date	77,768.67
Cash balance on hand	$ 4,074.91
Unsold bonds	29,000.00
Balance Cash and Unsold Bonds	$33,074.91

STATEMENT OF 1913 MUNICIPAL RAILWAY BONDS EXPENDITURES 1916-1917.

Church St. Railway, 18th to 22nd	$ 33,976.54
Church St. Railway, 16th to 18th and 22nd to 30th	467.66
Concrete Poles—16th to 18th and 22nd to 30th	250.00
Concrete Poles—Division St., Bryant to Potrero Ave	420.00
Copper Rail Bonds, Church St	1,388.25
Electrical Conductors, Church St	5,847.87
Inspection of Railway Construction and Extension	143.35
Plans and Specifications, Church St. Railway	519.25
Bonding Rails for Church St	215.40
Bonding Crossings	447.62
Church St., 16th to Market—Narrowing Walks	2,517.66
Church St. Railway, 16th to Van Ness Ave. and Market	45,269.81
Electric Cables for Church St. Rwy., 16th to Van Ness Ave. and Market St.	8,028.74
Electrical Conductors, furnishing and installing for Church St. Rwy. —16th to Van Ness and Market	683.55
Incidentals other than extras, Church St	478.24
Inspection, Church St. Railway	5,020.65
Machine Shop Equipment at Pipe Yard	81.75
Reporting proceedings—Market St. Railway Controversy	318.80
Pipe Yard Maintenance	839.39
Track Special Work	16,420.94
Trolley Poles, Church St. and Market	5,152.04
Unloading and Handling Railway Material	692.36
Total during 1916-17	$ 129,179.87
Expended prior to July 1, 1916	3,354,791.80
Expended to date	$3,483,971.67
Total receipts from bonds and miscellaneous sources	3,559,819.01
Balance for future expenditures, including liabilities	$ 75,847.34

TWIN PEAKS TUNNEL.

On April 5, 1917, crews working on the East and West headings of the Twin Peaks Tunnel met underground 6,000 feet from the easterly portal. When the headings met it was found that the alignment and grades of the tunnel checked to within one-half an inch.

On July 14, 1917, the tunnel was finally accepted by the Mayor and city officials, with appropriate ceremonies to celebrate the completion of the work.

Construction was started on this project on November 30, 1914, and has progressed steadily, sometimes under very adverse conditions.

The material encountered between the west portal and Laguna Honda Station was sand, excepting an intrusion of chert and incipient sandstone for about 300 feet. The excavation through this portion progressed at the rate of 12 to 15 feet a day over three 8-hour shifts. Between the station and a point 200 or 300 feet beyond the shaft, the tunnel passed through a water-bearing sand above a clay stratum and the progress of excavation was much slower. The large volume of water required the constant running of several centrifugal pumps until the excavation was finished and the drains in the center of the tunnel from both ends connected up.

At the east end of the tunnel, the excavation for several hundred feet was

through clay and gravel, and then passed into chert and altered sandstone. The chert was in layers with clay strata between and required the same heavy timbering as the softer material. A considerable flow of water from underground springs appeared in this section but did not hinder the work to any extent. Open joint pipe drains were carried forward beneath the footings and materially aided in keeping the tunnel dry.

After passing through the altered sandstone, a body of very hard sandstone was penetrated. This was found to be an excellent rock for use in concrete and the installation of a crushing plant was planned but the body of sandstone petered out. Serpentine was then encountered and continued for a length of 4,000 feet up to the water-bearing sand near the ventilating shaft. Throughout the serpentine, the open timbering was used and the excavation carried forward from 10 to 14 feet in 24 hours.

The following table shows the material penetrated, methods of excavation and types of timbering and lining used throughout the tunnel:

EXCAVATION DATA

From Station	To Station	Material Penetrated	Excavation	Type of Timbering	Type of Reinforced Concrete
0+85	5+63	Sand West end	In open cut	None	22" arch section
5+63	30+55	Sand West end	In tunnel from west	Solid	22" arch section
30+55	30+83	Sand West end	In open cut	Piling and bracing	22" arch section
30+83	33+83	Sand West end	In open cut and trenching	Piling and bracing	Station arch section
33+83	44+69	Water-bearing sand	In tunnel from west	Solid	22" arch section
44+69	46+37	Water-bearing sand over clay	In tunnel from shaft	Solid	22" arch section
46+37	46+57	Water-bearing sand over clay	As part of shaft	Spiling and walings	Special arch shaft sub-structure
46+57	52+00	Water-bearing sand, clay, sandstone and shale	In tunnel from shaft	Solid	22" arch section
52+00	54+00	Serpentine	In tunnel from west	Solid	22" arch section
54+00	59+20	Serpentine	In tunnel from west	Solid arch spaced posts	18" arch section
59+20	87+00	Serpentine	In tunnel from west	Solid arch spaced posts	18" arch section
87+00	89+60	Sandstone	In tunnel from west	Solid arch spaced posts	18" arch section
89+60	97+15	Chert, clay and gravel	In tunnel from west	Solid	22" arch section
97+15	98+64	Sandy clay and gravel (water course)	In open cut	Piling and bracing	22" arch section
98+64	100+44	Sandy clay and gravel (water course)	In open cut	Piling and bracing	22" arch section—taper
100+44	100+74	Sandy clay and gravel (water course)	In open cut	Piling and bracing	22" arch section—extra width
100+74	103+00	Sandy clay and gravel (water course)	In open cut	Piling and bracing	Double tube, flat top
103+00	111+45	Sandy clay and gravel (water course)	In open cut	None	Double tube, flat top
111+45	114+45	Sandy clay and gravel (water course)	In open cut	None	Eureka Valley Sta. flat top with steel frame
114+45	117+41	Sandy clay and gravel (water course)	In open cut	None	Double tube, flat top
117+41	120+00	Sandy clay and gravel (water course)	In open cut	None	Portal and approach walls

PROGRESS DATES.

Open Cut West—Station 0+85—Station 5+63:
Dec. 7, 1914—Excavation started;
March 12, 1915—Excavation completed.
Tunnel Excavation—Westerly Section:
May 24, 1915—Excavation started Station 5+63;
Sept. 3, 1915—Bottom drift started, Station 12+45;
Feb. 25, 1916—Bottom drift reached Laguna Honda Station excavation, Station 30+83;
May 13, 1916—Excavation and timber reached Laguna Honda Station.
Laguna Honda Station (sub surface structure):
March 15, 1915—Excavation started;
April 7, 1916—Concrete (except invert lining) completed.
Tunnel and Shaft Excavation:
June 2, 1915—Excavation of shaft started—Station 46+47;
Oct. 16, 1916—Bottom drift west from shaft started;
July 22, 1916—Bottom drift west from shaft connected up with drift from west—Station 42+31;
Nov. 18, 1916—Timbering west from shaft connected up with timbering from west—Station 45+08;
June 22, 1916—Bottom drift east from shaft started;
Aug. 5, 1916—Top drift east from shaft started.
Open Cut East—Station 97+15—Station 120+00:
Nov. 30, 1914—Changes in street alignment and sewers, etc., started.
Jan. 5, 1915—Excavation of approach started;
Dec., 1915—Open excavation completed.
Tunnel Excavation—Easterly Section:
Jan. 8, 1916—Tunnel excavation started—Station 97+15;
April 5, 1917—Top drifts holed through—Station 59+09;
May 31, 1917—Bench and segment connected—Station 59+47;
July 2, 1917—Concrete lining completed.

A daily flow of over 200,000 gallons of water was encountered during the tunnel construction. To collect this supply and furnish the Relief Home with a water supply a collecting chamber was constructed by driving a drift southerly at right angles to the tunnel line beneath the Relief Home, for a distance of 130 feet. This chamber was approximately 5 feet by 7 feet in size, in a sand formation near the contact with the clay deposits. It was filled in alternate sections with porous tile and gravel, with open joint drains laid on the floor to a basin near the tunnel. A well was also sunk near the air shaft to connect with a sump at this point and a pump installed to raise the water to the tanks of the Relief Home.

The principal features of the Twin Peaks Tunnel are summarized as follows:

LENGTH:	12,000 ft. (2.27 miles). Portion in tunnel, 8,000 ft. Portion in cut and covers, 3,200 ft.
DISTRICT BENEFITTED:	West of Twin Peaks Ridge, 4,153 acres, assessed $3,398,973. East of Twin Peaks Ridge, 660 acres assessed $595,316.
SHAPE OF SECTION:	Width, 25 ft. Height, Total 25 ft. Net clearance above rail, 15 ft.

Thickness of	Double Tube Subway Section (1365′)	Section in Soft Earth (5903′)	Section in Soft Rock (3556′)
Ceiling slabs	18″		
Arch		22″	18″
Walls	21″		
Walls at spring		33″	33″
Invert	20″	18″	None

GRADES AND CURVES: Maximum grade of tunnel, 3 per cent.
Sharpest curve, radius of 861 ft.

ELEVATIONS: East portal, 130 ft.
Laguna Honda Station, 372 ft. at 72 ft. below ground surface.
West portal, 342 ft.
Elevation of ridge penetrated: North Peak 904.25 ft., South Peak 910.97 ft.
3½ minutes to pass through tunnel at 40 miles per hour.

TIME: Working schedule not to exceed 6 minutes.
From Second and Market Streets to East Portal, 16 minutes.
From Second and Market Streets to Sloat Boulevard, 24 minutes.
Present schedule, 44 minutes.
Saving in time through tunnel, 20 minutes.

COST ESTIMATE:

Lands	$ 600,000	Paid for by Twin Peaks Tunnel Assessment Dists.
Tunnel construction	3,400,000	
Tracks	250,000	Paid for by City.
Total	$4,250,000	

CONSTRUCTION WORK: Reinforced concrete lined throughout.
Electric power used on all construction work.
Concrete mixed and transported 3,900 ft. by compressed air.

CONTRACT: Awarded November 2, 1914.
Signed, November 2, 1914.
Work started, November 30, 1914.
Work completed, July 14, 1917.
Time allowed to complete, 1,000 days.
Time required to complete, 985 days.

ENGINEERING: Line met by one-eighth of an inch.
Levels checked by three-eights of an inch.

QUANTITIES:

Excavation	530,000 cu. yds.
Cement	120,323 bbls.
Sand	39,458 cu. yds.
Gravel	94,245 cu. yds.
Reinforcing steel	2,850 tons
Timber	11,000 M ft.

GEOLOGY: Open cut and west tunnel section, 5,000 ft. in sand, of which 1,000 ft. was saturated.
Open cut east end, dry sandy clay, 2,300 ft.
Tunnel—Cert, sandstone, and 3,500 ft. serpentine.

SUBWAY STATIONS: (1) Eureka Valley Station, in the vicinity of Seventeenth and Castro Streets, the easterly portal, is a structural steel frame encased in concrete, 300 feet long by 54 feet wide, connecting with the street surface.

(2) Laguna Honda Station is an expanded portion of the tunnel, 300 ft. long by 44 ft. wide, with 22 ft. clearance above rails in center. Tricentric arch—lining 3 ft. thick, with heavy concrete invert.

VENTILATING STATIONS: Eighteenth and Hattie Streets and at the Relief Home tract. Relief Home Tract ventilating shaft connected with tunnel by a reinforced concrete lined shaft 13 ft. in diameter and 110 ft. high.

VENTILATING DUCT: Ventilating duct in tunnel is between a suspended reinforced ceiling slab at the spring line and the intrados of the arch. The air passes from this duct into the tunnel through louvres in the ceiling slab spaced at 50 ft. intervals.

CONTRACTOR: R. C. Storrie and R. B. Muir.
ENGINEER: M. M. O'Shaugnessy, M. Am. Soc. C. E.

SEWER SYSTEM.

The construction program for main sewer extensions as outlined in the last annual report was strictly adhered to, resulting in the construction of the following mains:

Orizaba and Stanley Streets sewers, providing for an outlet for the west side of the Ocean View District, extending northerly along Orizaba Street from Palmetto Avenue to Stanley Street; thence westerly along Stanley Street to the Spring Valley Water Company's property; thence northerly to join the existing sewer west of the Ingleside Terrace.

La Playa and Great Highway sewer from Noriega Street to Lincoln Way where connection was made to the existing 9′ x 11′ main in 48 Avenue and Golden Gate Park.

Felton Street and Somerset Street sewer in Felton Street from University to Somerset and in Somerset from Felton to Wayland.

Glen Park sewer extension of existing sewer from Burnside Street to a point 500 feet westerly therefrom.

The Stanley Street sewer was constructed by D. L. Bienfeld for $29,088.97. That portion which lies in the Spring Valley Water Company's property consists of 16″ and 18″ cast iron pipe. Where the line crosses a deep gulch the sewer is supported on a wooden trestle 330 feet long whose highest bent is 43 feet. The grade summit in Ocean View directs the drainage easterly and westerly, the former eventually reaches the outlet at the foot of Sansome Street via the North Point Main and the latter enters the Ocean at the north end of 48th Avenue produced after traversing the Mile Rock Tunnel under the Sutro Heights.

The Tibbitts Pacific Construction Co. constructed the Felton and Somerset Streets sewers at a cost to the City of $19,150.16. This work consisted of 2,200 feet of standard reinforced concrete egg-shaped sewer of the smaller sizes and 900 feet of 21″ ironstone pipe sewer and affords drainage to the University Mound District via the Visitacion Valley Outfall. The excavation on this job was in a dry clayey sand and was performed by an Austin trencher.

Karl Ehrhart was the successful bidder for the Glen Park Sewer Extension consisting of 500′ of 5′ circular reinforced concrete sewer costing $5,955.41.

Preliminary to the contemplated improvement by paving, nearly a mile of reinforced concrete main sewers were constructed in La Playa and the Great Highway by the Clinton Construction Co. at a cost of $36,786.80. This work penetrating a saturated formation in an 11′ cut required heavy lagging and pumping. The excavation was removed by buckets and derricks and the backfill made with derrick.

The Oakdale Avenue sewer between San Bruno Avenue and Selby Street, consisting of a reinforced concrete sewer on piles was completed during the last year by Karl Ehrhart at a cost of $16,031.50.

The sewers and appurtenances in course of construction in the westerly slope of the Twin Peaks Ridge designed to provide drainage to the residential tracts around the west portal of the Twin Peaks Tunnel are practically completed. The westerly portion of the work consists of 230 lineal feet of 5′ 3″ circular reinforced concrete sewer in tunnel under 19th Avenue just north of Sloat Boulevard. The westerly termination of this tunnel is shortly to be connected to the existing sewer in Sloat Boulevard by the construction of a reinforced concrete sewer in the intervening five blocks.

PROPOSED SEWERS.

Lake Street—22nd to Presidio, along Lobos Creek, 150 feet, at an estimated cost of	$22,000.00
Trocadero—19th to 24th Avenues, at an estimated cost of	30,000.00
Guttenberg—Mission to first angle above Morse, at an estimated cost of	5,000.00
Outlet for Williams Ave. Sewer—In Phelps Street, at an estimated cost of	5,000.00
Commercial Street Pumping Station—At an estimated cost of	7,000.00

STATEMENT OF 1904 SEWER BONDS EXPENDED DURING 1916-17.

Alta Street, Filbert Street, Greenwich Street, Sansome to Montgomery	$ 1,022.00
Lake Geneva District Damage	3,000.00
Stanley and Orizaba Sewers	19,337.66
Fulton St., Somerset to University Ave.; Somerset St., Wayland to Felton	1,000.00
	$ 24,359.66
Prior to July 1, 1916	1,979,236.88
Total to date	$2,003,596.54
Total receipts from Bonds and various sources (including $1500 added for balance on Stanley St., General Fund)	2,016,885.76
For future expenditures including that due on present contracts	$ 13,289.22

STATEMENT OF 1908 SEWER BONDS.

Plans and specifications	$ 1,114.57
Expenditures prior to July 1, 1916	4,338,293.22
Total expended to date	$4,339,407.79
Total receipts from bond proceeds and miscellaneous sources	4,340,123.13
Balance for future expenditures	$ 715.34

AUXILIARY WATER SUPPLY.

The work of constructing extensions to the high pressure use Auxiliary Water Supply System mains during the last twelve months was confined to the laying of mains in the Telegraph Hill District; in Pine Street between Powell and Jones Street; and in First Street between Folsom and Harrison Streets, all under the one contract performed by E. M. Whitlock at a cost of $10,147.31.

The many frame dwellings on the steep slopes of Telegraph Hill present a great fire hazard. The extension of the high pressure mains up these slopes provides an added protection with an attendant reduction in insurance rates.

The rock formation in this district made the excavation work costly.

The other two sections of the contract accomplished similar reductions in the insurance rates by greatly diminishing the fire hazard.

No definite program of future extensions has been outlined because of lack of available funds with which to make the installation. The bond account is virtually exhausted and the small balance remaining will be expended for changes in the existing system.

STATEMENT OF 1908 FIRE PROTECTION BONDS EXPENDED 1916-1917.

Burnett and Clarendon	$	723.00
Hauling and Laying—Telegraph Hill, Pine St., First St		11,858.70
Watchman, Engineering and Maintenance, Pipe Yard		3,208.99
Plans and specifications		361.70
Side Sewer Refund		140.00
	$	16,292.39
Expended prior to July 1, 1916		5,735,839.35
Expended to date	$	5,752,131.74
Total Receipts from Bonds and Miscellaneous Sources		5,762,507.25
Balance for future expenditures	$	10,375.51

SURVEYS.

During the fiscal year a total of 1,838 orders for surveys were received at the public counter. Of these, 46 were for lot surveys and 1,792 were for surveys for public improvements and in answer to petitions or complaints. They include approximately as follows: 5,514 blocks and crossings, a total length of 2,591,580 lineal feet, or 490 miles.

Precise levels were run, covering about 180 miles; total number of bench marks rechecked and established, 2,601.

Approximately totals are as follows: 7,359 blocks and crossings; 3,537,600 lineal feet or 670 miles.

Fees collected and turned over to the City Treasurer, $24,712.

NUMBER OF MAPS ON FILE JUNE 30, 1917.

Subject, 1,338; tracings, 1,738; negatives, 1,568; originals, 1,132; duplicates, 1,527. Total, 7,303.

Following is a detailed description of the work performed:

SURVEYS.

Made for	Number of Surveys	
Public contracts	171	
Private contracts	306	
Resurveys for contractors (lost points)	330	
Examinations of Public Improvements	481	
Street Repair Department	70	
Sewer Repair Department	3	
Superintendent of Public Buildings	10	
Public Library	1	
Division of Sewers	160	
Division of Grades	34	
Division of Surveys	160	
State Engineering Department	5	
Bureau of Engineering	25	
Board of Public Works Commission	36	1,792

LOT SURVEYS.

Private Owners	34	
State Engineering Department	1	
City Architect	6	
Fire Department	1	
Public Library	2	
Superintendent Public Buildings	1	
Division of Streets and Sewers	1	46
Total		1,838

For the fiscal year ending June 30, 1917, precise levels have been run in all portions of the City and Bench Marks have been established, corrected or reconstructed including City Monuments over the Twin Peaks Boulevard, Corbett Avenue, Lincoln Way, Great Highway, Sloat Boulevard, Third Street for its entire length, almost all of the Sunset District and all streets in the vicinity of the Exposition Grounds.

Precise levels have been run and bench marks established as follows:

Bench Marks, 50 Varas	80
Bench Marks, Mission and Horners Ad	629
Bench Marks, 100 Varas	210
Bench Marks, Western Addition	220
Bench Marks, Potrero and South San Francisco	630
Bench Marks, Sunset	162
Bench Marks, Other Districts	680
Total Bench Marks	2601
Total Miles of Levels	180

NEW SUBDIVISIONS APPROVED AND FILED IN THE HALL OF RECORDS

Title	No. of Streets	Filed in Hall of Records
Seacliff Subdivision No. 2	2	July 6, 1916
Merritt Terrace	3	August 11, 1916
Claremont Court, Parcel No. 2 (Blocks 2887, 2888)	1	October 10, 1916
C. A. Hawkins Property	2	January 3, 1917
St. Francis Wood, Extension No. 1	3	February 15, 1917
Relief Home Tract	1	February 15, 1917
Pacific Terrace No. 2	2	February 26, 1917
Westwood Park	7	March 20, 1917
Claremont Court, Parcel No. 2 (Blocks 2975, 2988, 2989)	2	April 14, 1917
St. Francis Wood, Extension No. 2	2	May 1, 1917

FEES RECEIVED FOR SURVEYS.

1916	For Public Improvements	For Private Improvements
July	$ 2,091.25	$ 50.00
August	2,314.50	50.00
September	1,749.00	25.00
October	1,930.00	145.00
November	1,811.50	109.00
December	2,088.00	95.00
1917		
January	2,069.50	75.00
February	2,564.25	30.00
March	2,008.75	75.00
April	1,928.25	75.00
May	2,187.00	90.00
June	1,151.00	.....
	$23,893.00	$819.00
Grand total		$24,712.00

MAPS PREPARED AND FILED WITH THE RECORDER FOR THE CLOSING, OPENING AND WIDENING OF THE FOLLOWING STREETS JUNE 1, 1916, TO JUNE 30, 1917 (Inclusive).

Date Filed With Recorder	Name	No. of Streets	Resolution No.	Approval of B.P.W.
Sept. 19, 1916	Bernal Ave and Shotwell St. with Bessie St. (land deeded for public stairway)	1	48072 (2nd series)	Sept. 13, 1916
Oct. 5, 1916	Danvers St., declared public street	1	47631 (2nd series)	Aug. 18, 1916
Oct. 25, 1916	Edna St., Joost to Sunnyside (opening new street)	1	48532 (2nd series)	Oct. 9, 1916
Nov. 22, 1916	Hidalgo Terrace (opening new street)	1	48857 (2nd series)	Oct. 25, 1916
March 16, 1916	Guttenberg, Florentine, Watt Ave. (widening and extension)	1	48657 (2nd series)	Oct. 13, 1916
March 27, 1917	Hamburg St. (widening Flood Ave.)	1	46815 (new series)	July 5, 1916
April 27, 1917	Judson Ave. (extension), Phelan Ave. (extension)	1	43782 (new series)	Feb. 9, 1917
May 24, 1917	St. Mary's Ave. (extension)	1	13540 (new series)	Oct. 30, 1916

TESTING LABORATORY.

During the fiscal year 1916-1917 the Testing Laboratory made 6004 tests on various materials at a cost, inclusive of salaries and supplies, of $5,529.40. These tests are given in detail by month and show the routine inspections of materials used in the construction of pavements, sewers, tunnels and buildings.

The Supplies Committee of the Board of Supervisors submitted 210 samples of paints and lubricating oils to the Laboratory for a report on quality. It is upon this report that the contracts for the yearly supply of these commodities are awarded.

The inspection of concrete paving base has been carried on with the aid of Laboratory analysis with a marked increase in the quality of the resulting concrete. This analysis includes the determination of cement and sand ratio, an analysis widely considered impossible but which has, by continued research in the Testing Laboratory, been perfected so that accurate results are obtained in a remarkably short time.

Besides the above, the Testing Laboratory has carried on investigations on asphalt pavements an account of which as far as they have progressed, is appended hereto.

REPORT OF TESTING LABORATORY SHOWING CHARACTER OF MATERIALS AND THE TESTS MADE —FISCAL YEAR 1916-17

No.	Material	Tests Made	1916 July	Aug.	Sept.	Oct.	Nov.	Dec.	1917 Jan.	Feb.	Mar.	April	May	June	Total
1	Asphaltum	Penetration	62	60	45	59	40	61	34	20	61	36	50	44	572
2	Asphalt Surface	Analysis	140	128	104	144	188	202	205	204	154	88	144	101	1,804
3	Brick, Paving	Rattler	9	3	14	15	8	8	11	8	6	4	5	7	98
4	Bronze	Tension	36	32	....	....	....	....	....	....	....	....	....	....	68
5	Cast Iron	Cross Bend	32	32	....	....	....	....	....	....	....	....	....	....	64
6	Cement	Strength, etc.	200	375	140	145	125	205	200	220	240	150	90	15	2,105
7	Concrete	Compression	5	4	....	....	8	8	2	5	6	19	....	14	71
8	Galv. Iron	Analysis	....	....	15	....	....	....	....	....	....	....	....	....	15
9	Gasoline	Analysis	....	....	....	....	....	....	....	6	12	....	....	....	18
10	Lime Hydrate	Analysis	1	4	5	4	2	3	8	2	5	2	2	1	39
11	Lub. Oils	Physical	....	....	....	....	....	....	....	2	....	....	60	....	62
12	Mortar	Analysis	4	21	9	12	25	10	17	12	24	13	21	1	169
13	Paints	Analysis	....	....	4	5	3	....	1	....	....	....	2	20	35
14	Rock	Grading	8	8	8	....	12	12	5	1	4	15	1	....	74
15	Roofing Felt	Analysis	2	....	....	4	1	2	....	4	2	11	6	....	32
16	Roofing Tin	Analysis	24	....	....	....	....	....	....	....	....	....	....	....	24
17	Sand	Grading	6	8	10	8	6	2	2	4	7	20	4	1	78
18	Sewer Pipe	Compression	....	....	....	....	....	....	....	....	....	....	28	....	28
19	Soaps	Analysis	....	....	....	....	....	....	....	....	....	....	15	....	15
20	Steel	Bending	28	48	20	15	29	74	23	18	11	16	12	2	296
21	Steel	Tension	28	48	18	16	35	65	27	18	11	15	23	....	304
22	Water, Boiler	Analysis	2	....	....	2	....	1	....	2	....	1	....	....	8
23	Wire	Tension	....	....	....	....	....	1	....	....	3	1	....	20	25
			587	771	392	429	482	654	535	526	546	391	474	226	6,004

PHOTOGRAPHIC AND BLUE PRINT REPORT—FISCAL YEAR 1916-17

	Square Feet			Prints				
	Blue Prints	Blue Line	Black Line	Negative	Cloth Blue	Cloth Black	Photostat 10½x15	Photostat 15x21
City Engineer	99,580	127,896	7282	6765	3268	254	7068	5194
City Architect	56,618	9,212	99	1126	3381	.....	59	17
City Attorney	978	691	558	78	72	.....	606	382
Fire Department	9,060	1,859	56	40	.....	.....	315	93
Board of Health	.....	900	480	20	.....	.....	25	4125
Asessor	72	.....	.....	.....	.....	.....	16	167
Auditor	120	.....	.....	.....	.....	.....	272	322
Board of Supervisors	.....	.....	.....	.....	.....	.....	29	24
Civil Service Commission	.....	.....	.....	.....	.....	.....	114	42
Street Repair Department	.....	1,368	.....	21	.....	.....	.....	20
Board of Works	.....	.....	.....	.....	.....	.....	471	2050
Mayor's Office	.....	.....	.....	.....	.....	.....	2	.....
Department of Electricity	.....	72	.....	.....	.....	.....	.....	.....
	166,428	141,998	8475	8050	6721	524	8977	12,436

PHOTOGRAPHIC AND BLUE PRINT REPORT—FISCAL YEAR 1916-17—Continued

	Photographs													
	Negatives					Prints								Slides
	5x7	8x10	3¼x5½	8"x3'	4x6	5x7	8x10	8½x11	14x17	16x20	20x30	8'x3'	6'x30"	3¼x4½
City Engineer	427	65	....	6	1649	3422	856	....	14	17	2	31	3	20
City Architect	3	31	....	....	....	39	133	....	....	....	....	5	....	....
City Attorney	26	8	....	....	....	76	13	....	....	....	....	3	....	....
Fire Department	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Board of Health	74	11	524	....	516	903	16	....	....	....	....	....	....	....
Assessor	....	....	....	....	....	....	8	....	....	....	....	....	....	....
Auditor	....	....	....	....	....	28	....	....	....	....	....	2	....	....
Board of Supervisors	....	....	....	....	....	....	3	....	....	2	....	....	....	....
Street Repair Dept	4	72	....	....	....	102	....	223	....	....	....	....	....	....
Sealer Weights & Measures	....	4	....	....	....	....	10	....	....	....	....	....	....	....
City Treasurer	....	2	....	....	....	....	16	....	....	....	....	....	....	....
Board of Works	4	....	....	....	....	130	26	....	27	....	4	2	....	....
Mayor's Office	....	....	....	....	....	34	13	....	14	....	....	13	....	....
Street Cleaning Dept	....	....	....	....	....	20	....	....	....	....	....	....	....	....
	538	193	524	6	2165	4754	1094	223	55	19	6	57	3	20

GARBAGE DISPOSAL.

In the annual report for the fiscal year 1915-1916 was given a brief account of the several proposals that had been made to the Board of Supervisors by different agents and promoters for furnishing or operating various sorts of plants and methods for the destruction or disposal of refuse. None of these proposals were recommended for adoption by the City Engineer.

During the first two or three months of the present fiscal year there were frequent meetings of the Board of Supervisors and of the Health Committee thereof at which this question was discussed in all of its ramifications.

Fred P. Smith, for himself and his associates, under date of August 30th, 1916, filed a communication with the Board in which it was proposed that he and his company should take over and operate the plant of the Sanitary Reduction Company—assuming that the City would complete the purchase of the property by payment of the $50,000 balance on total price of $400,000.00.

Mr. Smith offered, 1st, to put up $22,000.00 cash as a surety of fulfillment of their undertaking;

2nd. To pay to the City $22,000.00 annually for the privilege of operating the plant as it stands;

3rd. To establish an eight hour day for labor and three dollars minimum wage for employees; and

4th. To improve the sanitary conditions about the plant and entirely remodel and modernize the same without cost to the City in consideration of certain stated periods of operation, referring to former proposals and definite periods for such a franchise as might be granted.

At subsequent meetings of the Committee and the Board of Supervisors, these proposals were considered and discussed, and the former proposal of Richard Schmidt also came in for further consideration. Schmidt advocated a process of disposal by burial or "sanitary fill" similar to the method used in Seattle, Washington.

On September 1, 1916, the Board of Supervisors asked the Board of Public Works for a

> "Report on the practicability of remodeling the present reduction plant to make it work satisfactorily and properly incinerate the City's garbage and refuse. Should it be practicable to remodel the plant, how long would it require to prepare specifications for the work?"

In reply to this, the City Engineer submitted a report upon the different proposals of Mr. Smith, and commended in part, as follows:

> "Regarding your inquiry as to the practicability of remodeling the plant now in operation and how long a time would be required to prepare specifications for the work—there does not appear to be any good reason why this plant could not be remodeled—it would be quite practicable and the present method of disposal could be continued during the rebuilding period. Upon the payment to the Sanitary Reduction Works of the unpaid balance of $50,000 on the total sale price of $400,000 according to the terms of agreement dated 8th of March, 1909, the Reduction Plant becomes the property of the City.
>
> "The municipality may then operate the plant, if it is so decided, or may lease it or let it to the highest bidder to be run as a private venture, but according to the opinion of the City Attorney, addressed to the Board of Supervisors under date of 27th September, 1916, it will be necessary to advertise for bids for taking over the plant and conducting it according to the requirements of a carefully prepared specification.
>
> "Such specification should contain definite statement of the requirements of operation for the whole plant from the time refuse is received over the

scales until the ash and clinker are delivered to the railroad switch at the yard limits.

"Specifications for proposals covering any or all of the propositions submitted by Mr. Smith and as may be required by your Board, should not be rushed. Every item must be thoroughly considered and I would not care to provide such specifications within less than four months' time. There should be an available appropriation of about $1,000 to cover the cost of preparing same, if your Board orders their preparation."

No appropriation was made, and after some further discussion the Supervisors invited proposals for the Disposal of Garbage. Bids were received on November 20, 1916, and it was specified that

"Each bidder shall furnish detailed plans which he proposes to use in such garbage disposal and state fully the terms, conditions and guarantees attached thereto. . . . A certified check or cash deposit in the sum of $10,000.00 . . . shall accompany each proposal, conditioned that the bidder will enter into or contract for the disposal of garbage according to the terms of his proposal with such guarantees for its faithful performance as the Supervisors may require, within ten days after the same shall be awarded to him, otherwise such check or deposit shall be retained and become the property of the City and County of San Francisco."

In response to this announcement there were two bids presented. One from Richard Schmidt who proposed to receive all garbage and refuse as collected by the scavengers, accept its delivery from their wagons, and dispose of it by dumping such garbage and refuse on, and using it for filling in, low lands in the City or other places satisfactory to the proper authorities thereof.

As garbage was dumped it was to be treated by a process that would prevent it from being a harbor or breeding place for flies, rates or other vermin and then covered with at least one foot of earth or rock. The proposal offered a guarantee that the whole process of disposal and the fills when made would be sanitary and without noxious odors, free from insects and vermin and wholly satisfactory to the officials of the City.

The term of contract asked for was five years, subject to immediate cancellation by the City if the operation and conduct of the work should not be entirely satisfactory to proper authorities.

This proposal was based on charging scavengers the present ordinance rate of sixty cents per ton for refuse delivered, and offered to pay the city twenty cents per ton for all garbage and refuse delivered by scavengers for the first twelve months of the life of the contract and twenty-five cents per ton for all garbage and refuse delivered for the rest of the life of the contract.

Richard Schmidt's proposal also offered to permit the diversion of any quantity up to 200 tons daily of the assumed daily delivery of 500 tons of refuse, for the purpose of experimenting with incineration or garbage disposal methods other than dumping and filling.

It was also stated that the proposed franchise privilege should be subject to any fair and equitable conditions which the City desired to incorporate into the contract.

The second proposal was from A. B. Moffitt, L. G. Bonzagni and Fred P. Smith, who offered to receive the garbage and refuse as delivered by scavengers and dispose of it by dumping and filling in low ground in the Islais Creek District either east or west of the Southern Pacific Viaduct or upon both sides of same subject to approval, and for a period of from eighteen months to twenty years as may be approved and awarded by the City, during which time of the life of the contract the contractors would be authorized to charge scavengers sixty cents per ton for all refuse delivered, out of which they would pay to the City twenty-two and one-half cents per ton, or $35,100.00 per annum.

This was proposed as a more or less temporary method of disposal, for there was an alternative in the proposal consisting of offer to establish receiving station for refuse on Islais Creek, to which scavengers would deliver all collections and from which refuse would be removed by transporting to marsh lands under control of proponents in Marin, Contra Costa or Alameda Counties where disposal would be made in a manner satisfactory to the Health authorities having jurisdiction of such sites.

For the exclusive privilege of disposing of the garbage and refuse from San Francisco in this manner—by transportation out of the City—Smith and his associates offered to pay, for a contract term of ten years, or longer as the City would decide, thirteen cents per ton of refuse and garbage delivered, or the sum of $20,000 per annum, as the City may elect.

The process of disposal proposed by Smith, et al., was to dump the refuse and cover the top and face of each day's dump with a double thickness of tar or roofing paper and all laps and joints sealed with tar or asphalt compound, forming a gas-tight covering for each day's deposit.

On December 4, 1916, three members of the Health Committee submitted to the Board of Supervisors three alternative recommendations as follows:

> First. That the present plant operated by the Sanitary Reduction Co. be acquired by the City by paying to the Company the balance of $50,000 on the purchase price of $400,000—that it be renewed and altered in such manner that the smoke and other nuisance features would be abated, and that it be operated as a municipal plant in such manner that it would be a source of revenue to the City.
>
> Second. That the Destructor be shut down and contracts for refuse disposal be awarded to Richard Schmidt on his proposal for sanitary fill.
>
> Third. That the Destructor be shut down and contracts for refuse disposal be awarded to Richard Schmidt and Fred P. Smith—the two bidders—and that the total tonnage be divided between them.

These recommendations were discussed by the Board without conclusion and on January 8, 1917, Fred P. Smith's tender and check were withdrawn. Subsequent discussions were held at several special meetings of the Board and at the meeting of April 16, 1917, it was decided to reject the bid of Schmidt and return his deposit check.

At that meeting it was also decided that a committee of five should be appointed, whose duty should be to consider the whole question of refuse disposal and submit report and recommendation in due course.

On May 7, 1917, the Mayor appointed the following committee: Supervisors Andrew J. Gallagher, Chairman; M. M. O'Shaughnessy, City Engineer; Wm. C. Hassler, M. D., Health Officer, and Supervisors Edward I. Wolfe and Joseph Mulvihill.

In the meantime—on the 5th of December, 1916,—the action of The Destructor Co.—Power Specialty Co., Managers—against the City, was begun in Department No. 2 of the Circuit Court, Judge William C. Van Fleet, presiding. This action was for the recovery of final payments on the contract entered into by and between the City and the Destructor Co., under date of December 19, 1910. The items of the claims against the City were for the supply and erection of an Incineration plant in Islais Creek District and the partial supply of material for a second plant in North Beach District together with the estimated profits the contractor would have made on the plant had he been permitted by the City to complete it.

It is of interest to note here that when the City was preparing the contract specifications in 1909, Rudolph Hering of New York, was engaged to assist in the preparation of the specifications and to frame the guarantees. These latter were

given special consideration and emphasis with reference to the conditions of locations and operation of both plants. They were intended, and supposed, to represent the actual results to be attained.

Rudolph Hering appeared in the trial as one of the Destructor Company's principal witnesses, as opposed to the City, and his testimony illustrated the highly theoretical value of so-called incineration experts, as well as the futility of trying to get such practical results as were supposed to have been guaranteed.

The whole attitude of the Destructor Company during the trial was that they had built a plant which was an expression of the latest and best state of the art of incineration and it performed its work as well, and as closely in accordance with the guarantees, as could reasonably be expected.

On January 17, 1917, the jury rendered a verdict in favor of the Destructor Company for approximately $185,000 including interest at 7% upon the amounts claimed for the period subsequent to date of claims and up to date of verdict. The City Attorney's office has since prepared an appeal.

The whole question of Refuse and Garbage Disposal is still before the City. The Committee of five has met and formed a program for further investigation of this very important subject. The question is too complex to be disposed of in any off-hand manner and does not lend itself to regulation by any so-called standard method such as is established in so many city utilities like water supply, street railroads, sewers, etc. It is a problem that must be worked out according to local conditions and with due regard to the many details involved.

It must also be considered with reference to the policy of conservation of all values in so-called wastes that is being so strongly urged by the Food Control Commission at Washington, with which the Bureau of Engineering is now cooperating in garbage disposal investigations.

HETCH HETCHY WATER SUPPLY.

During the past fiscal year, construction on the Hetch Hetchy project has been actively advanced. The work accomplished between July 1, 1916, the beginning of the past fiscal year, and December 31, 1916, was fully described in my progress report of January 29, 1917, to the Mayor, the Board of Public Works and the Board of Supervisors of the City and County of San Francisco. Excerpts from the said report are therefore included in the following description.

HETCH HETCHY RAILROAD.

For conveying to the site of the Hetch Hetchy dam and upper tunnel equeduct the 233,000 tons of construction equipment and material necessary for the work, a standard gage railroad was projected, previous to 1916.

Contract for the construction of this railroad was awarded on December 6, 1915, to F. Rolandi, for the estimated sum of $1,543,080.74. Actual construction was begun in February, 1916, and at the present time the grading is practically complete and track laying has been advanced to within 20 miles of the damsite.

This railroad extends eastward into the Sierras from Hetch Hetchy Junction (formerly Rosasco), a station on the Sierra Railway of California, 10 miles south of Chinese. The elevation of Hetch Hetchy Junction is 935 feet, from which the railroad after crossing two low ridges drops to 625 feet in a distance of 9 miles to cross the Tuolumne River some 12 feet above extreme high water. From this crossing, the road continues along the river canyon past Jacksonville, thence up Moccasin Creek and Grizzly Gulch to Priest's and thence to Big Oak Flat and Groveland. Most of the climb for eastward traffic toward the dam is on a grade of from 3 to 4%.

Due to the roughness of the country, and since the road is to be operated for freight traffic chiefly, heavy construction cuts have been avoided so that sharp

curvature has been frequently used, the maximum being 30°, and curves of from 18 to 26° are numerous.

From Groveland the road continues east past Hamilton Station; thence it descends to the South and Middle Forks of the Tuolumne River, which are crossed on ballast deck trestles and finally ascends to Poopenaut Pass, where an elevation of 5024 feet is attained; thence on a continuous 4% grade descends to the dam-site bench at 3869 feet elevation. This latter stretch of the road, 9 miles in length, was exceedingly rough construction, in many instances having been hewn out from almost vertical granite cliffs.

Over 1,000,000 cubic yards of excavation were necessary for the roadbed. About one-fourth of this was in rock and over one-half million feet of lumber was used for trestling the various small canyons which the road crosses.

For excavation, the material was classified as granite, solid rock, soft rock and earth. Alternate bids were invited for this classification and for payment on the basis of unclassified excavation. It was found more desirable to award the contract on the latter basis, 67 cents per cubic yard being paid the Contractor for excavating all classes of material.

For all but the 9 miles descending from the summit of the ridge at Hog Ranch into Hetch Hetchy Valley, the width of the roadbed is 16 feet at subgrade. For this 9 miles the width is 22 feet. Slopes on embankments are 1½ horizontal to 1 vertical.

Ties are of redwood and of Oregon pine 6 x 8 in. x 8 ft. Rails are 60-pound sections, and ballast is 6 inches deep under the ties and must extend 6 inches beyond their ends.

Across the Tuolumne River below Jacksonville, the road is carried on a steel railroad bridge with a clear span of 220 feet and deck plate girder approaches. The plate girders have a span of 40 feet and are supported by reinforced concrete piers, as is the main bridge structure.

The bridge was supplied to the Contractor by the United States Steel Products Company, and was designed according to Cooper's Standard Specifications E-35, to carry two locomotives each weighing 124,000 pounds followed by a uniform load of 3500 pounds per lineal foot of train.

The maximum compressive stress allowed on ties and floor timbers is 1,000 pounds per square inch. The bridge was designed for a wind pressure of 30 pounds per square foot on the exposed surface of all stresses and floor system, in addition to the pressure on a train surface having an average height of 10 feet beginning 2 ft. 6 in. above base of rail. A variation of 150° in temperature was provided for in computing temperature stresses.

This structure is located only a short distance from the Eagle Shawmut gold mine. The fumes from the chlorination works of this property have an exceedingly corrosive effect on steel structures, for which reason the painting of the railroad bridge was not included in the specifications, but will be done directly under the supervision of the City Engineer.

Besides providing for a location which would involve a minimum cost and would be contiguous to all important points of the Hetch Hetchy Aqueduct, the line was located with a view of passing through that portion of the territory which might later furnish freight, in case it was decided to operate the road as a common freight carrier. The wisdom of this course has been strongly emphasized by numerous offers of freight, in case the City cares to handle the same. This subject will be discussed later in the present report.

In April, 1916, the State Engineer attempted to compel the City to construct and maintain numerous separate overhead crossings at all points where the Hetch Hetchy railroad intersects the Tioga (or Big Oak Flat) Road, which was the main county road from Chinese to Yosemite National Park and had recently been acquired by the State from the County. After a vigorous protest by representatives from the City Engineer's and City Attorney's offices, before the State Rail-

road Commission, this matter was adjusted to the satisfaction of the City and the policy of the City Engineer sustained. Great care will be maintained in operation at all of the crossings and it has been agreed that at the dangerous one near Stevens Bar, all trains will come to a full stop before crossing the road.

Great difficulty has been encountered in securing a right of way over a mining claim on the grade up from Moccasin Creek toward Priest. The claim was demonstrated by the City's geologist to be of little value but it was necessary to undertake condemnation proceedings to secure title to the right of way across it. This action was tried in the Superior Court of Tuolumne County in January, 1917, and the right of way secured by Court judgment for $160. The price asked by the owners of the claim was $100,000.

In view of the fact that the Hetch Hetchy Railroad will soon be ready to transport materials from the Sierra Railway to the Hetch Hetchy dam and to intermediate points along the Hetch Hetchy aqueduct, it is essential that arrangements be made in the near future for the operation of the line.

The railroad passes through forests of great extent which have not as yet been touched by the lumber men because of their remoteness from any cheap means of transportation which would enable them to market their products.

The same trains which haul materials eastward to the City's works will be able to haul the products of these forests westward, with little inconvenience to the City's business, and any profit from this hauling should be applied to reduce the net cost of the Hetch Hetchy project an appreciable amount. It is therefore contemplated to operate the railroad so as to handle as much freight as possible.

The heaviest traffic will occur in 1918 and 1919, with over 75,000 tons in each of those years, requiring a daily haulage of 320 tons.

It has been proposed that instead of operating the railroad with a force employed directly by the City, the operation of the line be entrusted to one of the railway companies operating in territory adjacent to the City's road, under an agreement which would work out to the advantage of both parties.

The companies considered have efficient organizations fully equipped for handling railroad business, and by placing the Hetch Hetchy line under such management, subject to general supervision of the City's own officials, a coordination of labor and an avoidance of duplication in the operating staff and equipment could be effected, which might result in the saving of considerable money, especially during the periods of light traffic, when the overhead costs for separate operation would bear a much higher proportion to the total costs. The City would also be relieved from the necessity for making any outlay for equipment and the investment by the private company for new equipment would be relatively small, as much of the necessary rolling stock would be furnished from that which it has already on hand.

If the road is to be operated by a contracting company the conditions would be as follows:

The City Engineer of San Francisco would act as General Manager and the Second Assistant City Engineer as Assistant Manager. The City would employ the accounting force and the station agents, in order to keep account of the traffic passing over the road and to check up the cost of operation. The City would also pay the per diem charge for hire of equipment.

The existing administrative staff of the operating company would have the immediate supervision of the operation of the Hetch Hetchy Railroad. This would add very little to the expense of administration already paid by said company.

All employees required in the various operating departments would be employed by the contracting company. This covers section gangs, bridge and building maintenance men, machinists and other shop men, train crews, enginehouse employees, train dispatchers, etc.

The operating company would furnish all necessary locomotive and other rolling stock, fuel oil, and other supplies, would maintain the equipment, and would be liable for loss and damage to freight and for accidents of any description.

A tentative suggestion as to the compensation to be paid for these services is that the City should pay the wages of all employees engaged in the maintenance of the Hetch Hetchy Railroad and in the hauling of trains over the City's rails; the wage of shop men engaged in making ordinary repairs to rolling stock used on the Hetch Hetchy line, and the cost of all necessary materials and fuel. In addition to the compensation for this direct cost, the City should pay some proportional figure possibly about 10% of the direct cost, which will cover general administrative expense, legal expense, insurance, accidents, claims for loss and damage, and profit.

The rates charged for transportation should not only cover the expense of operating the road but should also, in the final summation, pay the cost of constructing and equipping the road (less salvage value at the time its usefulness to the City ceases), as well as interest on that cost.

Depreciation of equipment is charged as an operating expense and should not be included in figures on amortization. For the purpose of estimating transportation rates it is assumed here that one-tenth of the cost of the road, less the items having salvage value, is amortized annually, being repaid to the City in the form of freight rates.

Interest at 4½% per annum on the net amount invested in the road and equipment should also be covered by the rates. The term "net amount invested" is here used to designate the total original investment less the accrued amortization charges. It would obviously be inconsistent to charge interest on money already repaid.

The original investment is $1,850,000, and the annual amortization charge is taken at $165,000, which will be deducted at the end of each year to determine the "net amount invested." The interest charge for the first year will be 4½% on $1,850,000; for the second year, 4½% on $1,685,000, etc.

In order to make the railroad self-supporting, paying all costs of operation and maintenance, interest on cost of construction and equipment, and amortization of cost of construction, it has been estimated that it will be necessary to charge for transportation at the following rates:

Passengers	7½	cents per mile.
Freight	15	cents per ton-mile.

On this basis the tariff charged for transportation of a ton of freight from Hetch Hetchy Junction to Hetch Hetchy damsite would be $10.15 and the passenger fare $5.

In the figures here presented no account has been taken of the possible development of freight traffic other than the hauling of construction materials. To fix a rate for the hauling of lumber for private parties, due consideration must be given to all the elements bearing on the cost.

Practically all freight hauled over the Hetch Hetchy Railroad will be hauled in the same cars in which it is shipped from the points of manufacture or other points at which it is loaded on to cars. A charge per car-day will be made against the road for the use of the cars. The per diem charge under present rules is 75 cents, irrespective of the class or capacity of the freight car. The amount is charged under an agreement as to interchange of cars between carriers, which went into effect September 1, 1916, and terminates May 1, 1917, at which time a new rate is to be fixed, not to exceed $1.25 per day. Prior to September 1, 1916, the rate was 45 cents per day. There is no means of predicting whether the present rate will remain in effect or a higher or lower rate take its place. The present estimate is based on the existing rate.

The Hetch Hetchy Railroad could be operated by the City under the immediate direction of the City Engineer, unless an arrangement more economical and satisfactory to the City is advanced by one of the railroads above named. In any event, its operation and policies must be absolutely controlled by the City.

LOWER CHERRY RIVER POWER DEVELOPMENT.

As noted in my recommendation of March, 1916, it had been determined to erect at Early Intake a temporary power plant for construction purposes. This plant, referred to as the Lower Cherry River Power Development, will generate all of the electric power required for construction purposes for the entire project, from the main Hetch Hetchy dam to Moccasin Creek.

Water for this installation is diverted from Cherry Creek into a conduit of 200 second feet capacity, 3.3 miles long, consisting of 1.4 miles of open ditch, 3 flumes aggregating 0.9 mile, and 5 tunnels aggregating 1 mile. Five of the tunnels were drifted under contract by MacArthur Brothers, but the balance of the work is being done by the City's forces.

The pressure pipe line connecting the water wheels with the forebay at the lower end of the ditch is 530 feet in length, of 42 inch diameter pipe, ranging in thickness from $\frac{3}{16}$ to $\frac{3}{8}$ inch.

Water wheels are Francis turbines operating at 720 R.P.M. under a maximum head of 346.5 feet, including a draft head of 15 feet. These turbines are each direct connected to 2300 V., 3-phase, 60-cycle generators, with direct connected exciter. The voltage will be stepped up through a single bank of transformers to 2,200 V. for transmission to the various sub-stations to be located along the 19 miles of aqueduct to the west and at the main Hetch Hetchy damsite 11 miles to the east of the power plant.

To insure sufficient water for operating purposes during the dry season, a temporary dam is required to raise the water level 30 feet at Lake Eleanor. It will be a multiple arch structure having a maximum height of 60 feet, with a length of 1150 feet.

A careful examination of Eleanor Dam Site was made by the City Engineer in 1917, and it was finally decided, after other sites and alternatives were considered, in the interest of economy, to build the temporary dam in such a location and in such a manner that it can later be made a part of the permanent dam. The latter structure will have a height in the future of 150 feet or over.

The design of the termporary dam will involve several original features. In buttressed arch dams heretofore constructed, it has been the custom for the central axes of the arches to be on a plane straight across the course of the stream. In one instance, namely on the Umatilla project of the United States Reclamation Service, a multiple arch dam was constructed for which the surface connecting the central axes of the individual arches was in itself curved upstream as an arch. In the Eleanor temporary dam the central axes of the arches will be on a curve arched upstream across the present narrow channel of Eleanor Creek, the arc subtending an angle of 30 degrees. Tangent to this central arc and extending to the abutments on each side of the present channel, the axes of the arches will lie in planes whose horizontal traces form an angle of 30 degrees.

There will be 22 arches, each with a span of 40 feet, supported by buttresses heavily reinforced. About 7,000 cubic yards of high grade concrete will be required in the entire structure.

Some 400,000 board feet of lumber will be used for the forms. From the Canyon Ranch sawmill to Eleanor damsite is a distance of 17 miles by road. Figuring on a cost of 50 cents a ton mile for haulage and the weight of the timber as 3 lbs. per board foot, transporting the necessary lumber from Canyon Ranch to Eleanor damsite would cost approximately $5,000. The economy of placing a small sawmill with a capacity of about 4,000 feet per day near Eleanor

damsite and sawing some of the timber now standing in the reservoir area to avoid excessive hauling was clearly demonstrated.

The work of constructing the temporary Eleanor dam will be carried on by day labor under the direction of the City Engineer.

Large deposits of sand and suitable gravel were found within 2000 feet of the damsite.

Work on this structure will be commenced in August, 1917, by day labor under the direction of the City, and it is expected that the storage dam can be completed before July, 1918, in ample time to impound sufficient water for generating power during the dry season of that year.

The type of conduit in which water will be carried from Cherry Creek to the forebay of the power house has been modified from the temporary type considered desirable in the construction program for 1916. The change was rendered advisable when it was decided to use this conduit continuously for domestic water supply as well as for power generation. This consideration as well as the study of the geological and physical conditions dictated the advisability of constructing immediately 1½ miles additional in tunnel instead of flume and canal and to line with concrete those portions of the existing canal which would be pervious to water. This has involved a great deal more time and expense, but upon completion will add greatly to the permanency of the installation and defer future reconstruction to a later date.

The dam on Cherry River required to divert the water into the aqueduct has been completed and the head gates installed, ready for operation. The tunnels and canal sections are completely excavated. Portions of the tunnels and canal must be lined with concrete. A rock crushing plant is now being erected to crush the granite spoil from the tunnel to suitable size for use in the concrete. Flume bents are being erected but the flume box will not be constructed until nearly time to run water through it. The excavation for the pressure pipe trench has been completed with the exception of the bell holes and anchorages, which work will not be done except just in advance of the pipe laying. On the power house, concrete foundations for walls have been poured as well as the foundations for the generators, turbines and other machinery and appurtenances. The work has been somewhat delayed by exceptionally heavy floods in the Tuolumne River watershed.

Due to the unprecedented demand for construction supplies throughout the country affecting the delivery of materials and equipment, it was necessary to enter into contracts for the delivery of all of the hydraulic and electrical machinery during the past year, in order to insure delivery when required. Therefore it was deemed advisable to enter into a great many more contracts during 1916 than would have been necessary under normal conditions, and moreover this machinery and equipment has been purchased at from 15 to 25 per cent under the present prices.

HETCH HETCHY DAM AND RESERVOIR.

At its lower end, Hetch Hetchy Valley narrows to a gorge about 60 feet wide at ordinary low water level (elev. 3,500) and 900 feet wide at the elevation of the crest of the proposed dam (elev. 3,812). All external geological evidence and previous engineering reports and studies indicated that the greatest depth to bedrock below the bed of the stream would be about 40 feet. However, before sinking the cofferdam 100 feet up stream, the City Engineer had wash borings made to determine the exact position of the underlying rock. Several of these borings penetrated the gravel and clay in the riverbed to a depth of over 100 feet without reaching rock in place.

Immediately bids were called for making detailed core borings under main dam. Contract for this work was awarded to the International Diamond Drill

Contracting Company. The amount of work to be performed under the contract was 1900 lineal feet of boring. In all, 20 holes were sunk, from which it was determined that the average depth from the river bottom to solid bedrock was 72 feet. This varies considerably along the axis of the dam, the greatest depth being 92.25 feet to bedrock, which, at this point has an elevation of 3,393.75 feet above sea level.

The result of the diamond drill borings indicated that it would be necessary to build the diversion dam without excavating to bedrock. This diversion dam will be for temporarily diverting the Tuoulmne River out of its course around the main damsite, while the construction of the main Hetch Hetchy dam is in progress.

During the past fiscal year a cofferdam was erected and the foundations for the diversion dam were poured. This constitutes the most difficult part of the work. All that remains will be the pouring of the concrete in the cofferdam and superstructure. In the interest of economy, it has been decided to include this in the contract for the construction of the main Hetch Hetchy dam. Much of the equipment used for constructing the diversion dam foundation will be used also far the construction of the Lake Eleanor multiple arch storage dam.

The diversion tunnel, partially completed during 1915, was finished during 1916. The diameter of the bore is 20 feet and its length 457 feet. The work was started with hand drills, but air drills driven from a compressor were used for the greater portion. The rock traversed is a very hard granite, and a large portion was saved for use in the concrete of the diversion dam. The cost at which this tunnel was finished proved very satisfactory, being approximately $5 per cubic yard of rock excavated.

The easterly boundary of the Hetch Hetchy watershed extends along the summit of the Sierras for a distance of over 40 miles. Most of this region is of granite formation, devoid of soil or vegetation. In this area are the head waters of the Tuolumne, which flows in a northwesterly direction to the Hetch Hetchy Valley, which on completion of the main dam will be San Francisco's principal storage reservoir, with a capacity of 112 billion gallons.

Unlike the surrounding mountains, portions of Hetch Hetchy Valley itself were densely forested. The entire reservoir area must be absolutely cleared of vegetation before water for domestic purposes can be impounded. That portion of the valley that will be flooded when the diversion dam is completed has already been cleared.

Specifications for this work provided that all standing trees, brush and shrubs on the specified area would be cut down and either used for saw logs or cordwood, or burned. Oak, cottonwood, alder, maple and willow were cut and piled as cordwood, at a price of $2.95 per cord. All softwood, including cedar, yellow pine, sugar pine and red fir, which were over 6 inches in diamete at the butt and which were considered suitable for saw logs by the City Engineer, were cut into 16 foot lengths or longer, peeled, left on cedar skids in piles of 5, 10, 15 or 20, at a cost of $2.20 per M ft. B.M., and when the reservoir is flooded will be floated to the damsite and sawed into logs. Softwood less than 6 inches in diameter at the butt, or for any cause not suitable for saw logs, was cut into cordwood in the same manner as the hardwoods, at a price of $2.45 per cord. All brush and timber not suitable for cordwood or logs was piled and burned. In this manner, 808 acres have been cleared at a cost of approximately $50,000.

HETCH HETCHY AQUEDUCT.

Present unsettled conditions, due to the world war, are not conducive to the most rapid and economic development of large enterprises. Prices for material and labor are continually advancing at an alarming rate so that the cost of any construction performed under present conditions will be far in excess of original estimates. Moreover, the great difficulty in disposing of bonds, readily marketable

under normal conditions, must necessarily mean the curtailment of extensive operations in the immediate future.

On the other hand, it is highly desirable to complete as soon as possible the Hetch Hetchy dam and the tunnel aqueduct to Moccasin .Creek power house forebay, in order to secure the income or saving that will result from the generation of electricity to the extent of 66,000 horsepower as an initial installation.

For this reason, it has been deemed expedient to advertise for bids to be received on August 22, 1917, for the construction of the Mountain Division of the Hetch Hetchy Aqueduct. If no reasonable and satisfactory bids are received but it is possible to dispose of the water construction bonds at par plus accrued interest, the tunnel can be constructed by day labor.

From Hetch Hetchy reservoir to Early Intake, a distance of 12 miles, the riverbed of the Tuolumne will temporarily serve as a conduit for the released waters, until such time as the necessity for generation of additional power will justify the construction of a tunnel from Hetch Hetchy damsite to a forebay above Early Intake.

The aqueduct tunnel for the construction of which bids will be received on August 22 extends from Early Intake, on the Tuolumne River above the confluence of the Cherry River, to the site of the proposed regulating reservoir south of Priest's, all in Tuolumne County.

The work lies in rough mountain country. Wagon roads cross the line at several points. Freight for construction purposes will be transported on the Hetch Hetchy Railroad, from Hetch Hetchy Junction to the sidings nearest to the work, at a cost to the contractor of 15 cents per ton mile over the portion of railway owned by the City. The Hetch Hetchy Railroad parallels approximately the line of the aqueduct so that the work will be accessible from the railroad by short road or tramway hauls.

The aggregate lengths of the tunnel to be constructed under this contract is about 18.3 miles, and has been divided into three sections, as follows:

Section "A" includes the tunnel about 4.5 miles in length, from Early Intake to the South Fork of the Tuolumne River. This tunnel can only be worked from the two portals, unless the contractor constructs an immediate shaft at his own expense.

Section "B" extends from the South Fork of the Tuolumne River about 4.7 miles to an adit in the northeast quarter of Section 29, T. 1 S., R. 17 E. The work will be constructed from the portal at the South Fork and from 7 adits now being driven by the City. The adits divide the sections into 7 parts varying in length from about 0.34 mile to about 1.07 miles.

Section "C" extends from the westerly end of Section "B" about 9.1 miles to a point in the City's forebay reservoir site about one mile south of Priest, practically cross-cutting the Mother Lode belt 2 miles wide. The work will be accessible from the west portal, from the adit at the easterly end of the section, and from two shafts to be sunk under the contract. The maximum distance between two consecutive points of access will be about 3.9 miles.

Any bidder may bid on all three sections, on two sections or only one section, and the City may award the contract as a whole to a single bidder or may award it in sections to two bidders, or if prices are excessive reject all bids.

The tunnels to be constructed will be lined with concrete and will be in the clear 10 feet 3 inches high and 10 feet 3 inches wide, inside of lining, with horseshoe shape of cross-section. In Section "C" it may become necessary, should the ground become heavy, to change to a circular cross-section 10 feet 6 inches in diameter.

Before deciding to line the tunnels with concrete, an anlysis was made under the direction of the City Engineer by L. W. Stocker, Assistant Engineer, to determine whether it would be more economical to dispense with the lining through hard rock formations that will stand permanently without support, and

make the tunnel large enough so that the increased area of cross-section would compensate for the greater frictional resistance of the rough rock walls.

To compare the areas required for different shapes of cross-sections, curves showing the relation of roughness of waterway area of cross-section have been worked out for three shapes: (1) circular section; (2) horseshoe section; (3) arched section with vertical sides. The circular section requires less volume of excavation but is inconvenient for practical reasons. The horseshoe section requires a slightly larger excavation. The arched section requires still more excavation but is easier to construct than either of the other two. If the entire tunnel section is to be taken out at once, the arched section will be cheapest in spite of the slightly greater area of cross-section. It is more likely, however, that the heading and bench method of excavation will be used, in which case the horseshoe section should cost no more per cubic yard than the arched section. The horseshoe section has been used as the basis of the comparative cost estimate presented later.

The thickness of the concrete lining is taken nearly the same as that shown on page 120 of Freeman's Hetch Hetchy Water Supply report: average thickness desired in sides and top, 6 inches; average thickness desired in invert, 6 inches. There will, of course, be overbreak beyond the desired thickness of concrete, the amount of the overbreak varying in different formations of rock. It is assumed that the overbreak will be such as to add an average of 6 inches thickness of concrete to the desired thickness, making the average total thickness of concrete about 12 inches.

The diversion tunnel at Hetch Hetchy Damsite has a circular cross-section 20 feet in diameter. The upper 12 feet was taken out to full width first. The cost was about as follows:

	Area of section sq. foot	Cubic yards per lineal foot	Cost per lineal foot	Cost per cubic yard
Heading	197	7.3	$42	$5.75
Bench	117	4.3	18	4.20
Entire tunnel	314	11.6	$60	$5.25

This includes all items of cost except rails, cars, drill steel, recoverable tools, and overhead expenses. The tunnel is only about 500 feet in length, so no forced ventillation was necessary, and for the same reason the cost of hauling out the much was very small. The cross-section area of the heading was greater than the entire cross-section of the aqueduct tunnel. The material penetrated was about the same as may be expected in the first eight miles of the aqueduct. It should therefore be safe to assume that the cost of excavating the aqueduct tunnel, not including hauling out the muck or ventilating, will not be less than 5.75 per cubic yard.

In tunnel No. 1 of the Lower Cherry Aqueduct, 80 feet at the west end was drifted by the City on a day labor basis. The net section of this tunnel, smaller than the aqueduct tunnel, is 1.98 cubic yards per lineal foot, and the cost of labor (hand drilling), powder, etc., was $14.75 per foot or $7.50 per cubic yard of neat section. The ground was very blocky and hence was a very heavy percentage of overbreak, but the excessive cost due to overbreak was compensated by the fact that all the workmen except blacksmiths received only $3.00 per day, which is somewhat less than the usual rate for drillers. It would seem then that in the main aqueduct tunnel the cost of excavation, not including hauling and ventilation, should not xeceed $7.50 per cubic yard of neat section.

Considering these examples of cost, it seems that the excavation in the Hetch Hetchy aqueduct tunnels under consideration should cost about $8 per cubic yard

for labor, materials and power, this figure to apply to the lined section, which contains 3.92 cubic yards per lineal foot to the neat line. The unlined and partly lined sections are considerably larger and the cost per cubic yard in such sections would be less. It is assumed in this estimate that the excavation in excess of that for the lined section will cost $7 per cubic yard.

The cost per cubic yard of concrete, using a 1:2¼:5 mix will be approximately:

	Cost per cu. yd. of concrete
Cement, 1.28 barrels @ $3.75	$4.80
Sand, 43 cu. yds. @ $1.50	.65
Crushed rock, .95 cubic yd. @ $1.25	1.19
Mixing, transporting and placing	2.00
Water supply, waste of materials, miscellaneous, say	.36
	$9.00

Moreover, the full lined section possesses advantages which, if the cost were the same for either type, would determine the choice in its favor. It precludes the possibility of rock falls after the completion of the tunnel, which might occur in an unlined section, even though the rock appeared perfectly sound, if for example excessive charges of powder were used in blasting and some loose pieces were not barred down from the roof or sides. The velocity of the water flowing in the lined section will be about double that in the unlined section, so that if any silt is carried past the settling chamber at the head of the aqueduct it will be carried on through and not deposited in the tunnel. If any clearing should be necessary it will be much more easily and quickly done in a concrete lined section than in an unlined section with rough rock walls. These features, especially the first, are of sufficient importance even to warrant paying somewhat higher for a concrete lined tunnel than for an unlined tunnel having equivalent hydraulic properties.

Since the full lined section will prove more reliable in operation and cheaper to maintain, it has been adopted.

FUTURE STAGES OF AQUEDUCT CONSTRUCTION.

Another tunnel 5.75 miles in length will extend from Moccasin Creek to Red Mountain Bar, where the Main Tuolumne River will be crossed with a short steel pipe. Thence a tunnel 11.4 miles in length will lead to Oakdale Portal on the easterly side of the San Joaquin Valley.

From Oakdale Portal (about 4 miles southeasterly from the town of Knights Ferry), the commencement of the present survey, to Tesla Portal on the west side of the San Joaquin River, (about 8 miles southeasterly from Tracy), the aqueduct will consist of 45.2 miles of steel pressure pipes. The thickness of the steel pipe, and hence the cost, is practically proportional to the water pressure, therefore the pipe line was located on the highest ground immediately adjacent to the direct or shortest line to be followed.

Across the thickly populated Oakdale and Modesto irrigation districts, the location has been such as to offer the least damage to the valuable lands and crops, in case of a break in the pipe line.

The San Joaquin River crossing has been selected so as to permit of structures offering the greatest safety during the annual overflow of the San Joaquin River. This intersection fortunately lies practically on the most direct line of the aqueduct, and although not considered in previous studies, is found to be the shortest crossing. The aqueduct will be carried under the river in a submerged pipe line

and the lower areas adjacent to the San Joaquin, subject to overflow during the annual floods, will probably be traversed by means of pipe lines on substantial reinforced concrete trestles.

Through the Coast Range from Tesla Portal to Irvington Gate House, except for a small steel siphon crossing the Alameda Creek channel, the aqueduct will consist of tunnels aggregating approximately 31 miles in length. This section has been the subject of close geological study and the surveyed location made follows what is at present considered the most feasible route avoiding fault lines and rock of uncertain character. The location for the route 6 or 7 miles immediately west of Tesla Portal is as yet uncertain. For this portion, several alternative lines were surveyed and final selection must be based on more definite knowledge to be obtained by test holes which will be sunk along the several routes.

From Irvington Gate House westerly, the aqueduct will again consist of steel pressure pipe 19.1 miles in length, following practically a straight line from the Gate House to Dumbarton Straits, where the Bay crossing will be made by means of submarine pipes.

The line thence parallels the Southern Pacific Railroad, through the southerly portion of Redwood City to what is known as the Redwood City Portal, 2 miles westerly from the town of Redwood. Here the aqueduct will consist of tunnels, extending about 1½ miles westward from the Redwood City Portal to the main ridge between San Francisco Bay and Crystal Springs and San Andreas Lakes of the Spring Valley Water Company.

From this point, the tunnels will follow beneath this main ridge to a point about one mile southwesterly from Baden Station. Here the waters will again enter a short steel siphon, across the low area lying between the main Coast Range and San Bruno Mountain to the San Bruno Portal, crossing the southeast corner of the Holy Cross Cemetery and about 500 feet east of the Foothill Boulevard. From the San Bruno Portal to University Mound Reservoir will be in tunnel.

The location of the route has been made in the light of careful engineering studies, the controlling consideration being the permanence of the necessary structures, and the safety of the same, commensurate with reasonable economy.

With our source of water supply over 150 miles from the City, great care must be exercised to guard the aqueduct against possible interruption of service, due to any contingency whatsoever. Tunnels intelligently located and properly built will last for all time. Moreover, the expense of construction, in comparison with high pressure pipe of large diameter, is not excessive, when the cost of wide right of way for the latter is considered. Based on a comprehensive geological study of all practical routes, tunnels have been located in stable rock formation, as far as possible, free from the menace of earthquake faults.

The surveys, and levels accompanying the same, have been very accurately made, great care being exercised throughout to insure the reliability and accuracy of the final result. All portions of the line have been checked by means triangulation, levels have been checked with U. S. Geological Survey bench marks, and all property lines traversed by the route have been measured and the records of ownership, etc., have been compared with County records, so that when the mapping is completed, necessary data will be at hand for the acquisition of the right of way.

WATER RIGHTS AND PROTECTIVE WORK.

Since the City secured the Hetch Hetchy grant, construction has been carried on continuously, to the end that there should be no cessation of work that would imperil the City's water rights.

The Early Intake wagon road has been extended by the construction of an 80-foot span bridge across the Tuolumne River connecting with a road to the

Lower Cherry power house and up Cherry River to near the diversion damsite.

A new road has been started from the Hetch Hetchy Valley to Lake Eleanor. This will be about 10 miles long, and in December, 1916, when snows forced the temporary cessation of the work, 5 miles had been constructed. It will be completed during the summer of 1917. It is built on a 12% grade with a 10-foot roadbed. From a point near Hetch Hetchy damsite, it climbs 1800 feet over the steep cliffs on the northerly side of the valley by a series of "switch-backs" to over 5,300 feet elevation, then descends via McGill Meadows to Lake Eleanor. The primary use for which this road is intended is the transportation of material to the Lake Eleanor dam, which is to be built as a part of the Lower Cherry power development. It will also serve during the construction of the main dam at Lake Eleanor in the future.

Work has begun on a road along the south side of Hetch Hetchy Valley, as required in the Hetch Hetchy grant. Continuous repair work by the City has been necessary on the roads from Chinese to Hetch Hetchy Valley, as neither the State nor Tuolumne County has funds available to have maintained them in reasonably good condition for heavy traffic.

A road has been constructed from the railroad grade near Middle Fork down across the Red Hill road and into the South Fork gorge. This road crosses the Middle Fork just below the falls near its confluence with the South Fork and leads to the southwesterly portal of tunnel No. 1 of the main aqueduct.

DEFENSE AGAINST OPPOSITION WATER AND POWER COMPANIES.

Under date of April 28, 1917, the Secretary of the Interior upheld the contention of the City that the Yosemite Power Company by its water appropriation and application for permit in the Poopenaut Valley secured no vested right or other right to occupy public or park lands and that granting the Company's application and construction of its plants would interfere with the City's plan for water development; and that Congress intended to extend to the City free opportunity to develop the water resources of this portion of the Tuolumne River without interference or diminution by application of permits by other parties.

The denial of these applications has been a great victory for the City as the construction of aqueducts and power houses by a competing power company would materially conflict with the City's proper operation of its Hetch Hetchy system. Due credit should be given to the consistent support from the City Attorney's office, and the earnest energy of special attorney Searls in making the legal presentation on those controversies.

STREAM MEASUREMENTS.

Hydrographic and meteorologic observations have been continued at Hetch Hetchy, Lake Eleanor and Cherry Creek.

The United States hydrographer who has heretofore lived in Hetch Hetchy Valley has been removed to the junction of South Fork and Main Tuolumne Rivers, where a new cabin has been erected. The gage at Hetch Hetchy Valley will hereafter be read by one of the assistant engineers engaged on the City's construction.

New gaging stations have been built on South Fork and on Middle Fork of Tuolumne River. In construction of the aqueduct for Lower Cherry power house, the diversion dam has been so made that it can be used as a weir; by this means enabling us to secure reliable runoff records of Cherry River, which is the combined flow of Cherry and Eleanor Creeks.

CANYON RANCH SAWMILL.

Logging and yarding for the year 1916 was begun on April 23, but the mill was not run until late in June. The season's run for 1916 amounted to over

1,600,000 board feet of rough lumber, besides a considerable quantity of surfaced material. In the spring of 1917 a planer was purchased in Sonora and added to the present equipment of the sawmill, necessitating the construction of a small building. Lumber is now being surfaced regularly, most of it being for use on the flume of the Lower Cherry power development. A second logging engine was purchased in the fall of 1916. Over 400,000 board feet of lumber were cut and planed during the spring of 1917.

Three hundred and twenty acres of additional timber land, known as the Dudley property, lying a short distance from the Canyon Ranch Sawmill, were purchased by the City, and it was proposed to cut about 4,000,000 feet more from this land. An agreement was made with the Department of Interior, however, whereby any or all of this 4,000,000 feet could be cut from selected trees standing on Government land immediately adjacent to the mill. This will prove a great convenience to the City, and will also preserve the beauty of the surrounding forest, by permitting of scattered trees being taken from a wider area and consequently no one particular spot will be entirely denuded. The Government will obtain the fee title to this land and the remaining uncut timber when the City's operations are completed, in full compensation for all timber cut or to be cut in future in the Hetch Hetchy reservoir basin and on Government land surrounding Hetch Hetchy Valley.

GROVELAND OFFIC BUILDING.

At Groveland, an office building has been erected to serve as main headquarters for all work in Tuolumne County. This is a two story, frame structure, with rooms for offices, drafting, blueprinting, small store rooms and some living quarters. A steam heating plant has been installed as the winter weather in Groveland is very severe. The cost of the building and equipment amounted to $5,740, and the cost of the adjacent warehouse was $800.

CAMPS.

A new camp has been established between South Fork and Middle Fork on the railroad. This camp is for permanent use during the construction of the main aqueduct, which at this point will require about four years for completion. A special use permit for this site was issued by the District Ranger of the Stanislaus National Forest. This camp has been improved by the construction of fairly good buildings, barn, etc.

Several temporary camps were used during the construction of aqueduct adits from South Fork westerly toward Big Creek. At present the only one of these which is still occupied is Greek Camp near Hamilton Station, which will continue to be a distribution point for supplies.

Temporary camps have been established at Lake Eleanor and at McGill Meadows, and will be maintained during the period of construction of the Hetch Hetchy-Lake Eleanor wagon road.

MISCELLANEOUS SURVEYS.

During the time when most grading was being done on the Hetch Hetchy Railroad it was necessary to maintain six survey parties for the direction of grading work. These parties have set all construction points for the railroad work, have located all structures, cuts and fills, and have made all estimates of work done. Supervision and inspection of railroad construction has been under these same parties, but since the bulk of the grading work has been completed the number of parties has been reduced to three.

A plane table survey was made of the country between the railroad and the

aqueduct from South Fork westerly to Red Mountain Bar. Some of this work presented considerable difficulty late in the fall when the snow and ice made work on the steep slopes of the Tuolumne River gorge perilous.

In connection with rights of way for both railroad and aqueduct a number of land surveys have been made by the regular surveying parties engaged on work in the vicinity.

APPLICATIONS TO DEPARTMENT OF INTERIOR.

Under the conditions of the Hetch Hetchy Grant, it was necessary that the City file application maps for all rights of way, etc., to be used in connection with the Hetch Hetchy project within 3 years of the signing of the Grant, by the President on December 19, 1913.

During the year there were filed with and approved by the Department of the Interior the following maps:

Amended Hetch Hetchy Tunnel Aqueduct from Early Intake to vicinity of Hamilton Station, filed July 3, approved September 12;

Road from Hetch Hetchy Valley to Lake Eleanor, filed October 14, approved December 30.

The following 12 maps were filed December 13, and approval thereof is still pending:

Hetch Hetchy aqueduct and transmission line from Priest Reservoir to Red Mountain Bar;

Amended location, Lower Cherry aqueduct and Lower Cherry power plant;

Road from Hamilton Station to Lake Eleanor—portion within Yosemite National Park;

Road from Hamilton Station to Lake Eleanor—portion within Stanislaus National Forest;

Railroad yard, gravel pits, spur tracks and tramways near Smith Station;

Camp and quarry sites and railroad loop at Hetch Hetchy dam site;

Road from Jones Station to Early Intake and junction of Cherry and Tuolumne Rivers;

Amended Hetch Hetchy aqueduct from Hamilton Station to Priest Reservoir,

Early Intake diversion dam site, aqueduct line, power plant site, pressure pipe and tunnel line, and electric transmission line;

Electric transmission lines from Early Intake to Hetch Hetchy, Lake Eleanor and Cherry Valley and from Early Intake to Moccasin Creek;

Hetch Hetchy tunnel aqueduct through Section 4, T. 4 S., R. 4 E., a portion of the Coast Range tunnel, near Carnegie.

HETCH HETCHY CONTRACTS OPERATIVE DURING 1917.

Contract No. 6: "For Furnishing Hoisting Engine and Boiler," was awarded on October 11, 1915, to A. L. Young Machinery Company. The engine originally furnished under the contract proved defective and was replaced by the Contractor. Final payment was recommended February 20, 1917. The total amount of the contract was $1,357.

Contract No. 7: "For the Construction of the Hetch Hetchy Railroad," was awarded on December 6, 1915, to F. Rolandi for the estimated sum of $1,543,080.74. At that time there was not sufficient money available for the award to be made, due to failure in selling 4½% bonds, but on February 15, 1916, funds being available, the Auditor certified the contract. Actual construction was begun on February 11, 1916. The total estimated value of the work completed June 30, 1917, was $1,437,411.33.

Contract No. 10: "For Drifting Tunnels, Lower Cherry Aqueduct." Pro-

posals were received August 9, 1916, and the contract was awarded August 11th to MacArthur Brothers Company for the estimated sum of $53,785.

This work proceeded slowly, due to conditions unforseen by the Contractor and also to slow delivery of machinery.

This contract was for drifting five of the tunnels on the Lower Cherry aqueduct. The total length for the drifting of which proposals were received was 4400 feet, but the City did a portion of this before the Contractor was able to begin work, leaving a total amount to be drifted by the Contractor of 3950 feet. Final payment was recommended April 18, 1917, the total amount of the contract being 40,465.96.

As these tunnels are to be permanent, it will be necessary to line porous portions of them with concrete where there is blocky caving rock.

Contract No. 11: "For Making Core Borings, Hetch Hetchy Aqueduct." Proposals were received July 26, 1916, and contract was awarded July 28, 1916, to International Diamond Drill Contracting Company, for the estimated sum of $24,923.29.

The work was prosecuted in a very satisfactory manner and final payment was recommended January 11, 1917. The total amount of the contract was $20,002.13.

The core recovery on drill holes was very high and the samples representing the material which will be encountered in tunnel construction are stored in the Groveland office.

The work as bid on was for drilling 10 holes along the Hetch Hetchy aqueduct from Early Intake to Priest Regulating Reservoir. The total length of holes included in the contract was 7584 feet. Owing to the relocation of a portion of the aqueduct line between South Fork of Tuolumne River and Priest Reservoir, this quantity was cut to 5949 feet. The borings show very good material through which the tunnel aqueduct will be drifted.

Contract No. 12: "For Furnishing and Delivering Hydraulic Machinery and Equipment, Lower Cherry River Power Development." Proposals were received August 9, 1916, and the contract awarded August 16, 1916, to the Pelton Water Wheel Company in the sum of $18,814, and a possible bonus of $1000.

The machinery to be furnished under this contract was completed on December 1, 1916, and was shipped to Chinese, from which point it was hauled to Early Intake.

The machinery covered by this contract includes three 1500 h.p. Francis turbines, complete with governors, relief valves, and gate valves, together with all accessories. Payment has been made on the whole excepting the bonus, which payment will be made after testing the machinery.

Contract No. 13: "For Furnishing and Delivering Electric Generators and Exciters, Lower Cherry River Power Development." Bids were received August 9, 1916, and the contract awarded August 16, 1916, to the General Electric Company in the sum of $14,321.

The machinery was delivered to Hetch Hetchy Junction, to be hauled over the Railroad to Jones Station and thence by team to the Power House. Final payment has not yet been recommended.

The machinery to be furnished under this contract consists of three 1000 KVA generators, with direct connected exciters, and one motor generator exciter.

Contract No. 14: "For Furnishing and Delivering Electric Switchboards and Equipment, Lower Cherry River Power Development." Bids were received September 13, 1916, and the contract awarded September 20, 1916, to the General Electric Company in the sum of $2,849.50.

This contract covers the furnishing of the complete switchboard, with all necessary instruments and switches for the three generators and exciters to be furnished under Contract No. 13. The equipment has all been delivered but final payment has not yet been made.

Contract No. 15: "For Furnishing and Delivering Electric Transformers, Lower Cherry River Power Development." Bids were received September 6, 1916, and the contract awarded September 8, 1916, to the Westinghouse Electric Manufacturing Company in the sum of $7700. Delivery of the transformers was made in March, 1917, but final payment has not yet been made.

This contract covered the furnishing and delivering of four 1000 KVA oil insulated, water cooled, outdoor type, electric transformers and an oil filter.

Contract No. 16: "For Furnishing and Delivering Cedar Line Poles, Lower Cherry River Power Development." Bids were received September 20, 1916, and all bids were rejected as it was possible to secure poles usable locally at one-third the cost of the prices bid.

Contract No. 17: "For Furnishing and Installing Riveted Steel Pressure Pipe Line, Lower Cherry River Power Development." Bids were received October 20, 1916, and the contract awarded October 27, 1916, to the Western Pipe & Steel Company in the sum of $7558.

This pipe has all been shipped to Early Intake and will be installed as soon as the excavation at the power house site and intake has been completed.

Under date of February 2, 1917, a first progress payment was recommended in the amount of $2250.

Contract No. 18: "For Furnishing and Delivering Bare Copper Wire, Lower Cherry River Power Development." Bids were received October 18, 1916, and the contract awarded to John A. Roebling's Sons Company, on November 10, 1916, in the estimated sum of $20,172.70.

After the contract was awarded advantage was taken of a provision in the contract, and the quantity increased by 25%, raising the contract price to a total of $25,215.58.

Delivery of this material was made in April, 1917, and final payment was recommended May 25, 1917.

The quantity of wire to be furnished under this contract is sufficient for the construction of 38 miles of 3-phase transmission lines and branches.

Contract No. 19: "For Furnishing Logging Road Engine." Bids were received October 18, 1916, and contract awarded October 20, 1916, to Leland Equipment Company, for the sum of $2490.

The engine purchased under this contract is a duplicate of the one purchased in 1915 under Contract No. 3, which has proved very satisfactory.

It is to be used for logging from the lands adjacent to Canyon Ranch Sawmill and when this work is completed, will be used in the construction of the Hetch Hetchy Dam.

Contract No. 20: "For Furnishing and Delivering Insulators, Crossarms and Pins, Lower Cherry River Power Development." Bids were received December 1, 1916, but as there were no bids covering all of the materials, proposals were again invited and received December 11, 1916, and the contract awarded to Person, Roeding Company, on December 13, 1916, in the sum of $2956.48. Delivery was made on all of the material in April, 1917. Final payment has not been made.

Contract No. 21: "For Making Core Borings at Hetch Hetchy Dam Site." Bids were advertised to be received by the Board of Public Works on December 27, 1916, but none were submitted. This work was readvertised, proposals received January 5, 1917, and the contract awarded to the International Diamond Drill Contracting Company at an estimated price of $14,675. This contract will include about 1900 feet of borings at the Hetch Hetchy damsite and will determine the character of the formation, both below the riverbed and up on the slopes.

Contract No. 22: "For Furnishing and Erecting Sheet Metal Work for the Power Station, Lower Cherry River Power Development." Bids were received December 20, 1916, and the contract awarded December 22, 1916, to the Asbestos

Protected Metal Company in the sum of $2150. The contract provides for the completion of this work by February 26, 1917, or ten days after the completion of the building framework. The contract includes, besides the covering of the power house building proper, the sheet metal work for a small oil house.

All the material has been delivered but not yet erected.

Contract No. 23: "For Furnishing and Delivering 7½ ton, hand-operated Crane for the Power Station, Lower Cherry River Power Development." Bids were received February 19, 1917. Contract was awarded February 21, 1917, to Cyclpos Iron Works in the sum of $775. The crane has been shipped to the power house and final payment is ready to be recommended.

Contract No. 24: "For Furnishing and Delivering Electric Line Transformers." Bids were received April 9, 1917, and the contract awarded April 11, 1917, to Moloney Electrical Company for the sum of $25,347. Delivery has not yet been made.

PROPOSED CONTRACTS.

Contract No. 25: "For the Construction of Tunnel Aqueduct in the Mountain Division of the Hetch Hetchy Project." Specifications are well along toward completion and it is expected that proposals will be received in August.

Contract No. 26: "For the Construction of Transmission Line and Substations, Lower Cherry River Power Development." Specifications are being prepared and bids will be received for this work in September.

Contract No. 27: "For furnishing and Delivering Three Mikado Type Locomotives." Specifications are being prepared and it is expected that proposals will be received in Augunst.

Report of Justice's Court

San Francisco, July 31st, 1917.

To the Hon. James Rolph, Jr., Mayor,
and to the Honorable Board of Supervisors,
of the City and County of San Francisco.

Gentlemen: Pursuant to the provisions of Section 9, of Article XVI, of the Charter of the City and County of San Francisco, I herewith submit the following report of the receipts and disbursements of the Justices' Court and Clerk's Office for the fiscal year ending June 30, 1917.

RECEIPTS.

1916—July		$ 2,488.00
	August	2,555.25
	September	2,147.75
	October	2,547.75
	November	2,715.25
	December	2,442.75
1917—January		2,688.50
	February	2,281.75
	March	2,514.00
	April	2,535.25
	May	2,634.25
	June	2,265.50
	Total Receipts	$30,417.00
Salaries of Justices of the Peace (five at $4,200.00 each)		$21,000.00
Salaries of the Clerk and six Assistants		12,600.00
	Total	$33,600.00
2,472 Trials at $3.00 each		$ 7,416.00
1,930 Defaults at $2.00 each		3,860.00
308 Appeals at $1.00 each		308.00
8,966½ Complaints at $2.00 each		17,933.00
	Sundries	900.00
	Total Receipts	$30,417.00
Transmitted to the Superior Court 308 Appeals at $8.00 each		2,464.00
	Grand Total	$32,881.00

1916—	Number of Trials Paid for	Number of Defaults Paid for	Number of Appeals Paid for	Amount rec'd from Sundries	Number of Actions Paid for
July	222	188	13	$69.00	682
August	213	166	22	78.25	742
September	200	172	16	72.75	858
October	216	153	29	82.75	741
November	217	180	37	74.25	796½
December	201	158	29	56.75	719
1917—					
January	223	161	32	79.50	793
February	216	129	20	79.75	683
March	200	170	37	73.00	732
April	211	131	18	82.25	770
May	197	181	23	76.25	791
June	156	141	32	75.50	704
	2472	1930	308	$900.00	8966½

SPECIAL DEPOSIT FUND.

	Receipts	Disbursements
Cash balance July 1st, 1916, $888.02		
1916—July	$ 553.00	$ 817.62
August	937.40	729.75
September	386.00	563.35
October	593.40	473.40
November	2,918.45	889.25
December	496.97	2,651.92
1917—January	160.05	297.90
February	505.60	374.70
March	740.57	534.22
April	950.50	786.40
May	758.09	1,169.70
June	1,856.56	1,820.20
	$11,744.61	$11,108.41
Balance cash on hand July 1st, 1917		$ 636.20

Total number of Actions filed since April 18, 1906	97,081
Total number of Actions restored	1,400
Grand total of Actions filed since April 18, 1906	98,481

Respectfully submitted,

ROBERT W. DENNIS,
Justices' Clerk

Report of the Superintendent of Schools

San Francisco, July 1, 1917.

To the Honorable, the Board of Education,
in and for the City and County of San Francisco.

Ladies and Gentlemen:

I have the honor to submit herewith the annual report on the condition of the public schools of this City and County, as required by the Charter, for the sixty-fifth fiscal year of the School Department, ending June 30, 1917.

ALFRED RONCOVIERI,
Superintendent of Common Schools, in and for the City and County of San Francisco.

SCHOOL CALENDAR FOR 1916-1917.

Fall Term, 1916	In Session	Holidays
July 31—Aug. 25, 1916	20 days	
Aug. 28—Sept. 22, 1916	19 days	Labor Day—Sept. 4.
Sept. 25—Oct. 20, 1916	18 days	Columbus Day and day following—Oct. 12 and 13.
Oct. 23—Nov. 17, 1916	20 days	
Nov. 20—Dec. 15, 1916	17½ days	Thanksgiving Day and day following—Nov. 23 and 24. Half day Dec. 15.
Total	94½ days	

Spring Term, 1917	In Session	Holidays
Jan. 2—Jan. 26, 1917	19 days	
Jan. 29—Feb. 23, 1917	18½ days	Washington's and Lincoln's Birthdays—Feb. 22 and 12.
Feb. 26—Mar. 23, 1917	20 days	
Mar. 26—May 4, 1917	18½ days	May Day, 2 weeks vacation and half day for Red Cross meeting.
May 7—June 8, 1917	22½ days	Memorial Day—May 30.
Total	98½ days	

Spring Term	94½ days
Fall Term	98½ days
	193 days

Schools close June 8, 1917, and reopen July 30, 1917.

Note.—The financial data presented in this report were secured from various departments of the city and county government as herein specified in foot-notes, and are here presented without further verification by the Superintendent of Schools.

GENERAL STATISTICS.

Fiscal Year Ending June 30, 1917.

Population of the City and County		524,854
(Estimated by multiplying the total average daily attendance of 46,862 by 11.2.)		
Municipal Assessment—		
Real Estate	$477,963,094	
Personal Property	64,599,962	
Total	$542,563,056	
State Assessment, Operative	215,789,509	
Total Assessable		$758,352,565
Assessment just completed on which taxes will be collected for year 1917-1918—		
Municipal	$554,456,505	
State, Operative	237,146,831	
Total	$791,603,336	
Rate of County School Tax per $100 for the school year ending June 30, 1917 (Record of Board of Supervisors, September, 1917), apportioned to Common School Fund for Day and Evening Elementary Schools		$ .2140
Rate of County Tax per $100 valuation to produce $60 per average daily attendance pupil in the high schools, apportioned to Common School Fund for Day and Evening High Schools		.0560
Total Regular Rate levied for Common School Fund		$ .2700
Additional Rate, represented by receipts placed into funds other than the Common School Fund, but made available solely for school purposes		.1357
This .1357 is reported as follows:		
Kindergarten—Maintenance	.0028	
Elementary Schools—Building	.1020	
High Schools—Maintenance	.0246	
High Schools—Building	.0063	
Sub-Total		.4057
Additional Rate for Bond Redemption:		
1904 School Bond Redemption	.0129	
1908 School Bond Redemption	.0284	
1910 Polytechnic High School Bonds Redemption	.0046	
Sub-Total		.0459
Grand Total Rate per $100 levied for all School Purposes for 1916-17		.4516
(Exclusive of State apportionments, rents and other receipts not obtained by tax levy.)		

ESTIMATED VALUE OF SCHOOL PROPERTY.

Kindergartens—	
Valuation of Lots, School Houses and Furniture	$ 3,430.00
Valuation of Library Books	500.00
Valuation of School Apparatus	2,660.00
Total (Kindergartens)	$ 6,590.00
Elementary Schools—	
Valuation of Lots, School Houses and Furniture	$10,897,662.00
Valuation of School Libraries	39,976.00
Valuation of School Apparatus	22,000.00
Total (Elementary Schools)	$10,959,638.00
High Schools—	
Valuation of Lots, School Houses and Furniture	$ 3,109,114.00
Valuation of Laboratories	47,127.00
Valuation of Library Books and Apparatus	33,896.00
Total (High Schools)	$ 3,190,137.00
Grand Total	14,156,365.00

OUTSTANDING BONDED INDEBTEDNESS JUNE 30, 1917.

1904 Bonds at 3½%	$ 449,000.00
1908 Bonds at 5%	4,200,000.00
1910 Polytechnic High School Bonds at 4½%	500,000.00
Total	$ 5,149,000.00

RECEIPTS.

Receipts for the support of Kindergartens (Apportionment of City and County Funds.)	$ 15,363.53
Receipts for the support of day and evening Elementary Schools—	
Fiscal Year Ending June 30, 1917:	
(1) Balance on hand, July 1, 1916:	
(a) Common School Fund	72,328.72
(b) Bond Interest Funds (1904 and 1908)	126,110.47
(c) Public Building School Bond Fund (1908)	36,745.56
(2) Apportionment of State School Funds	670,107.92
(3) Apportionment of City and County Funds:	
(a) Common School Fund	1,066,066.42
(b) Bond Interest Funds (1904 and 1908)	239,145.74
(c) General Fund—by Board of Supervisors	385,042.84
(d) General Fund—by Board of Health (for employment of school Physicians and Nurses)	21,370.30
(e) General Fund—by Board of Police Commissioners (for employment of Truant Officer)	1,200.00
(4) From miscellaneous sources (rents, etc.)	99,498.27
Total (Elementary Schools)	$2,717,616.24

RECEIPTS—Continued.

Receipts for the support of day and evening High Schools—	
(1) Balance on hand, July 1, 1916:	
(a) Common School Fund	$ .....
(b) Polytechnic High School, Bond Interest Fund (1910)	12,706.78
(c) Polytechnic High School Bond Fund (1910)	13,977.97
(2) Apportionment of State School Funds	53,297.88
(3) Apportionment of City and County Funds:	
(a) Common School Fund	387,758.39
(b) Polytechnic High School Bond Interest Fund (1910)	23,389.57
(c) General Fund—by Board of Supervisors	6,721.89
Total (High Schools)	$ 497,852.48
Grand Total Receipts	3,230,832.25
(Including Bond and Bond Interest Funds.)	

EXPENDITURES.

Fiscal Year Ending June 30, 1917.

1.	Salaries of all Teachers—	
	Kindergarten	$ 11,702.77
	Elementary	1,530,329.00
	High School	339,372.90
	Total	$1,881,404.67
2.	Contingent Expenses (including salaries of administrative officials and employees, janitors, etc.), Supplies, Repairs, Rents, etc.—	
	Kindergarten	$ 2,739.53
	Elementary	348,412.57
	High School	64,008.98
	Total	$ 415,161.08
3.	Sites, Buildings and Furniture—	
	Kindergarten	$ .....
	Elementary	656,072.06
	High School	45,435.66
	Total	$ 701,507.72
4.	Library Books—	
	Kindergarten	$ .....
	Elementary	4,600.00
	*High School	.....
	Total	$ 4,600.00
5.	Apparatus—	
	Kindergarten	$ 921.23
	Elementary	200.00
	**High School	33,896.28
	Total	$ 35,017.51
	Grand Total Expenditures	3,034,690.98

*Item included under heading "Apparatus—High School."

**Includes library books.

RESUME

Receipts (including Bond and Bond Interest Funds)	$3,230,832.25
Expenditures	3,034,690.98
Balance	$ 196,141.27

Resume as applied to different types of schools.

Kindergartens:

Receipts	$ 15,363.53
Expenditures	15,363.53
Balance	0.00

Elementary Schools:

Receipts	$2,717,616.24
Expenditures	2,536,613.63
Balance	181,002.61

High Schools:

Receipts	$ 497,852.48
Expenditures	482,713.82
Balance	15,138.66

Balances:

Kindergarten	$ .....
Elementary Schools	181,002.61
High Schools	15,138.66
Total	$ 196,141.27

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR FIRST SCHOOL MONTH FROM JULY 3, TO AUGUST 25, 1916 (20 DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	1,978	2,764	4,742	4,519	4,404	115
Grammar Classes..	8,634	9,114	17,748	17,101	16,796	305
Primary Classes....	14,484	13,305	27,789	26,216	25,512	704
Totals	25,096	25,183	50,279	47,836	46,712	1,124
Evening Schools—						
Secondary Schools and Special.....	1,758	949	2,707	1,920	1,772	148
Grammar Classes..	942	204	1,146	818	758	60
Primary Classes....	375	100	475	305	278	27
Totals	3,075	1,253	4,328	3,043	2,808	235

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	50,279
Average Number Belonging	47,836
Average Daily Attendance	46,712
Average Number Daily Absent	1,124

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	4,328
Average Number Belonging	3,043
Average Daily Attendance	2,808
Average Number Daily Absent	235

Grand Totals:

Enrollment (Monthly)	54,607
Average Number Belonging	50,879
Average Daily Attendance	49,520
Average Number Daily Absent	1,359

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR SECOND SCHOOL MONTH FROM AUGUST 28, TO SEPTEMBER 22, 1916 (19 DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	1,949	2,716	4,665	4,525	4,357	168
Grammar Classes..	8,880	9,124	18,004	17,248	16,851	397
Primary Classes....	14,686	13,371	28,057	27,139	25,663	1,476
Totals	25,515	25,211	50,726	48,912	46,871	2,041
Evening Schools—						
Secondary Schools and Special.....	1,651	891	2,542	1,831	1,656	175
Grammar Classes..	943	210	1,153	924	808	116
Primary Classes....	368	106	474	315	286	29
Totals	2,962	1,207	4,169	3,070	2,750	320

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	50,726
Average Number Belonging	48,912
Average Daily Attendance	46,871
Average Number Daily Absent	2,041

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	4,169
Average Number Belonging	3,070
Average Daily Attendance	2,750
Average Number Daily Absent	320

Grand Totals:

Enrollment (Monthly)	54,895
Average Number Belonging	51,982
Average Daily Attendance	48,912
Average Number Daily Absent	2,361

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR THIRD SCHOOL MONTH FROM SEPTEMBER 25, TO OCTOBER 20, 1916 (18 DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	1,914	2,646	4,560	4,451	4,233	218
Grammar Classes..	8,866	9,126	17,992	17,209	16,596	613
Primary Classes....	14,651	13,355	28,006	26,538	25,327	1,211
Totals	25,431	25,127	50,558	48,198	46,156	2,042
Evening Schools—						
Secondary Schools and Special.....	1,296	869	2,165	1,695	1,522	173
Grammar Classes..	1,118	216	1,334	876	784	92
Primary Classes....	334	96	430	296	272	24
Totals	2,748	1,181	3,929	2,867	2,578	289

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	50,558
Average Number Belonging	48,198
Average Daily Attendance	46,156
Average Number Daily Absent	2,042

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	3,929
Average Number Belonging	2,867
Average Daily Attendance	2,578
Average Number Daily Absent	289

Grand Totals:

Enrollment (Monthly)	54,487
Average Number Belonging	51,065
Average Daily Attendance	48,734
Average Number Daily Absent	2,331

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR FOURTH SCHOOL MONTH FROM OCTOBER 23, TO NOVEMBER 17, 1916 (20 DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	1,871	2,589	4,460	4,373	4,183	190
Grammar Classes..	8,778	9,071	17,849	17,283	16,692	591
Primary Classes....	14,610	13,374	27,984	26,469	25,488	981
Totals	25,259	25,034	50,293	48,125	46,363	1,762
Evening Schools—						
Secondary Schools and Special.....	1,369	467	1,836	1,548	1,396	152
Grammar Classes..	889	509	1,398	875	772	103
Primary Classes....	334	90	424	295	270	25
Totals	2,592	1,066	3,658	2,718	2,438	280

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	50,293
Average Number Belonging	48,125
Average Daily Attendance	46,363
Average Number Daily Absent	1,762

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	3,658
Average Number Belonging	2,718
Average Daily Attendance	2,438
Average Number Daily Absent	280

Grand Totals:

Enrollment (Monthly)	53,951
Average Number Belonging	50,843
Average Daily Attendance	48,801
Average Number Daily Absent	2,042

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR FIFTH SCHOOL MONTH FROM NOVEMBER 20, TO DECEMBER 15, 1916 (17½ DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	1,835	2,557	4,392	4,279	4,070	209
Grammar Classes..	8,661	8,965	17,626	17,264	16,663	601
Primary Classes....	14,349	13,112	27,461	26,424	25,412	1,012
Totals	24,845	24,634	49,479	47,967	46,145	1,822

Evening Schools—						
Secondary Schools and Special	1,219	750	1,969	1,414	1,338	76
Grammar Classes	813	200	1,013	822	778	44
Primary Classes	351	77	428	398	282	116
Totals	2,383	1,027	3,410	2,634	2,398	236

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	49,479
Average Number Belonging	47,967
Average Daily Attendance	46,145
Average Number Daily Absent	1,822

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	3,410
Average Number Belonging	2,634
Average Daily Attendance	2,398
Average Number Daily Absent	236

Grand Totals:

Enrollment (Monthly)	52,889
Average Number Belonging	50,610
Average Daily Attendance	48,543
Average Number Daily Absent	2,058

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR SIXTH MONTH FROM JANUARY 2, TO JANUARY 26, 1917 (19 DAYS).

	Monthly Enrollment				Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Aver. No. Belonging	Attendance	Absent
Secondary Classes	2,115	2,916	5,031	4,864	4,711	153
Grammar Classes	9,372	9,538	18,910	17,980	17,350	630
Primary Classes	14,460	13,387	27,847	25,543	24,372	1,171
Total	25,947	25,841	51,788	48,387	46,433	1,954
Evening Schools—						
Secondary Schools and Special	1,715	1,015	2,730	1,931	1,762	169
Grammar Classes	945	209	1,154	931	866	65
Primary Classes	384	61	445	288	262	26
Total	3,044	1,285	4,329	3,150	2,890	260

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	51,788
Average Number Belonging	48,387
Average Daily Attendance	46,433
Average Number Daily Absent	1,954

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	4,329
Average Number Belonging	3,150
Average Daily Attendance	2,890
Average Number Daily Absent	260

Grand Totals:

Enrollment (Monthly)	56,117
Average Number Belonging	51,537
Average Daily Attendance	49,323
Average Number Daily Absent	2,214

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR SEVENTH MONTH FROM JANUARY 29, TO FEBRUARY 23, 1917 (18½ DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	2,106	2,866	4,972	4,808	4,573	235
Grammar Classes..	9,206	9,318	18,524	17,836	17,030	806
Primary Classes....	14,415	13,077	27,492	25,065	23,516	1,549
Total	25,727	25,261	50,988	47,709	45,119	2,590
Evening Schools—						
Secondary Schools and Special.....	1,619	976	2,595	1,894	1,706	188
Grammar Classes..	911	209	1,120	878	800	78
Primary Classes....	385	67	452	284	262	22
Total	2,915	1,252	4,167	3,056	2,768	288

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	50,988
Average Number Belonging	47,709
Average Daily Attendance	45,119
Average Number Daily Absent	2,590

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	4,167
Average Number Belonging	3,056
Average Daily Attendance	2,768
Average Number Daily Absent	288

Grand Totals:

Enrollment (Monthly)	55,155
Average Number Belonging	50,765
Average Daily Attendance	47,887
Average Number Daily Absent	2,878

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR EIGHTH MONTH FROM FEBRUARY 26, MARCH 28, 1917 (20 DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	2,050	2,799	4,849	4,698	4,492	206
Grammar Classes..	9,101	9,371	18,472	17,605	16,965	640
Primary Classes....	14,292	12,921	27,213	24,595	23,424	1,171
Total	25,443	25,091	50,534	46,898	44,881	2,017
Evening Schools—						
Secondary Schools and Special.....	1,550	917	2,467	1,741	1,602	139
Grammar Classes..	876	208	1,084	841	768	73
Primary Classes....	374	66	440	267	246	21
Total	2,800	1,191	3,991	2,849	2,616	233

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	50,534
Average Number Belonging	46,898
Average Daily Attendance	44,881
Average Number Daily Absent	2,017

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	3,991
Average Number Belonging	2,489
Average Daily Attendance	2,616
Average Number Daily Absent	233

Grand Totals:

Enrollment (Monthly)	54,525
Average Number Belonging	49,747
Average Daily Attendance	47,497
Average Number Daily Absent	2,250

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR NINTH MONTH FROM MARCH 26, TO MAY 4, 1917 (18½ DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	1,951	2,699	4,650	4,539	4,294	245
Grammar Classes	8,879	9,114	17,993	17,663	16,690	973
Primary Classes	14,144	12,843	26,987	25,541	24,231	1,310
Total	24,974	24,656	49,630	47,743	45,215	2,528
Evening Schools—						
Secondary Schools and Special	1,347	489	1,836	1,611	1,432	179
Grammar Classes	813	589	1,402	819	746	73
Primary Classes	311	63	374	309	290	19
Total	2,471	1,141	3,612	2,739	2,468	271

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	49,630
Average Number Belonging	47,743
Average Daily Attendance	45,215
Average Number Daily Absent	2,528

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	3,612
Average Number Belonging	2,739
Average Daily Attendance	2,468
Average Number Daily Absent	271

Grand Totals:

Enrollment (Monthly)	53,242
Average Number Belonging	50,482
Average Daily Attendance	47,683
Average Number Daily Absent	2,799

AVERAGE DAILY ATTENDANCE, AVERAGE NUMBER BELONGING AND ENROLLMENT FOR TENTH MONTH FROM MAY 7, TO JUNE 8, 1917 (22½ DAYS).

	Monthly Enrollment			Aver. No.	Average Daily	Average No. Daily
Day Schools—	Boys	Girls	Total	Belonging	Attendance	Absent
Secondary Schools	1,863	2,612	4,475	4,361	4,147	214
Grammar Classes..	8,639	8,972	17,611	17,122	16,524	598
Primary Classes....	13,858	12,584	26,442	24,983	24,008	975
Totals	24,360	24,168	48,528	46,466	44,679	1,787
Evening Schools—						
Secondary Schools and Special.....	1,191	798	1,989	1,424	1,284	140
Grammar Classes..	742	186	928	762	702	60
Primary Classes....	279	65	344	222	204	18
Totals	2,212	1,049	3,261	2,408	2,190	218

Totals of Day Schools Including High, Grammar and Primary:

Enrollment (Monthly)	48,528
Average Number Belonging	46,466
Average Daily Attendance	44,679
Average Number Daily Absent	1,787

Evening Schools Including High, Special, Grammar and Primary:

Enrollment (Monthly)	3,261
Average Number Belonging	2,408
Average Daily Attendance	2,190
Average Number Daily Absent	218

Grand Totals:

Enrollment (Monthly)	51,789
Average Number Belonging	48,874
Average Daily Attendance	46,869
Average Number Daily Absent	2,005

SOME SCHOOL STATISTICS FROM THE OPENING OF THE FIRST FREE

Year Ending Oct. 31.	No of Schools.	Teachers.	Pupils Enrolled.	Average Daily Attendance.	Population.
1850	1	2	150	.....	
1851	1	4	325	.....	
1852	7	15	700	445	
1853	....	16	2,870	1,182	
1854	....	19	4,199	1,727	
1855	....	29	4,694	1,638	
1856	9	61	3,347	2,516	
Year Ending June 30.					
1857	....	60	2,821	2,155	
1858	....	67	5,273	2,521	
1859	11	75	6,201	2,829	56,802
1860	....	68	6,180	2,837	
1861	13	73	6,617	3,377	
1862	17	82	8,204	3,786	
1863	....	94	8,177	4,389	
1864	20	108	7,075	5,470	
1865	....	138	8,000	6,718	
1866	32	206	10,152	8,131	
1867	37	253	13,385	10,177	
1868	39	285	17,426	11,871	
1869	42	326	19,885	13,113	
1870	55	371	22,152	15,394	150,005
1871	56	416	26,406	16,978	
1872	56	480	27,664	18,272	
1873	58	506	27,722	18,550	
1874	64	510	29,449	19,434	
1875	64	552	31,128	21,014	
1876	66	574	34,029	22,761	
1877	66	632	37,268	24,899	
1878	65	672	38,672	26,292	
1879	64	696	38,129	27,075	
1880	59	686	38,320	28,150	234,144
1881	62	719	40,187	29,092	
1882	65	675	47,752	29,435	
1883	63	687	40,722	30,827	
1884	64	714	41,942	31,578	
1885	65	734	43,265	32,183	
1886	65	773	43,140	32,146	
1887	68	799	43,311	31,316	
1888	68	806	42,330	30,191	
1889	71	838	42,626	31,609	
1890	72	859	42,926	31,352	298,997
1891	73	879	43,626	31,809	
1892	75	897	46,172	32,431	
1893	76	929	45,775	32,799	
1894	73	866	44,349	32,939	
1895	75	904	44,822	32,974	
1896	76	927	45,435	33,508	
1897	77	974	46,564	33,531	
1898	92	1,070	50,101	35,116	
1899	90	1,074	48,972	36,830	
1900	86	1,061	48,058	35,004	342,782
1901	82	1,017	48,517	34,771	
1902	84	1,052	48,893	35,691	
1903	84	1,086	48,345	37,077	
1904	85	1,121	49,600	37,700	
1905	85	1,181	55,067	40,920	
1906	86	1,115	57,782	41,932	
1907	83	971	45,633	29,929	
1908	89	1,095	48,045	33,931	
1909	92	1,195	48,509	35,541	
1910	95	1,198	50,212	36,774	416,912
1911	100	1,227	51,462	37,736	
1912	105	1,308	53,160	40,448	
1913	105	1,423	53,757	42,820	
1914	104	1,478	57,852	44,388	
1915	104	1,485	61,941	46,562	
1916	105	1,520	64,040	46,825	
1917	112	1,607	65,101	47,669	

Compiled from the Report of the San Francisco Superintendent of Schools of June 30,

PUBLIC SCHOOL BY J. C. PELTON, DECEMBER, 1849, TO JUNE 30, 1917.

Expenses for All Purposes. (Inc. Bonds)	Cost per Capita on Average Daily Attendance.	School Census Children 4 to 18 Years.	Value of School Property. (Estimated)	Assessment of City and County Property.
.....	.....	500	.....	$ 21,621,214
.....	.....	1,510	.....	14,016,903
$23,125	51.96	2,132	.....	18,481,737
35,040	29.65	2,730	.....	28,900,150
159,249	92.21	3,268	.....	34,762,827
136,580	83.38	4,531	.....	32,076,572
125,064	49.71	4,751	.....	30,368,254
92,955	43.14	4,755	.....	35,397,176
104,808	41.57	6,375	.....	30,725,950
134,731	47.62	7,767	.....	30,019,222
156,407	55.13	9,025	.....	35,809,639
158,855	47.04	13,316	.....	41,870,811
134,576	35.58	13,358	.....	41,870,811
178,929	47.67	16,501	.....	66,566,655
228,411	41.76	18,748	.....	78,709,337
346,862	50.15	21,013	.....	83,197,725
		5 to 15 Years.		
361,668	44.48	17,369	.....	88,934,543
507,822	49.89	20,253	$1,057,000	96,740,159
416,654	35.09	23,306	1,368,000	109,360,825
397,842	30.34	24,817	1,531,000	106,414,128
526,625	33.56	27,055	1,729,800	114,759,510
705,116	41.53	28,971	1,786,400	106,391,876
668,262	36.02	31,936	1,810,000	105,025,534
611,818	35.45	34,676	.....	288,533,256
		5 to 17 Years.		
689,022	35.40	38,084	2,227,620	212,407,505
707,445	33.71	41,029	2,367,000	264,000,000
867,755	38.12	46,238	2,505,500	269,105,141
732,324	29.41	53,210	2,585,000	260,576,978
989,259	37.62	55,899	2,711,000	254,702,960
876,489	32.37	62,105	3,047,303	244,477,360
809,133	28.74	58,492	3,073,000	217,487,074
827,324	28.44	55,115	3,137,000	253,545,476
735,435	24.98	55,880	3,137,000	222,336,400
791,175	25.66	58,061	3,137,000	201,992,152
797,452	25.25	63,029	3,137,000	201,763,762
840,367	25.80	69,000	3,137,000	223,509,560
815,778	25.37	74,079	3,189,000	230,386,325
843,297	26.93	78,246	3,184,575	230,151,009
926,662	30.69	59,517	3,230,598	251,746,111
916,644	28.99	60,642	4,772,180	273,389,616
983,014	31.35	61,144	4,757,724	306,041,440
1,053,610	33.12	62,456	4,798,427	301,444,140
1,098,839	33.88	63,933	4,932,754	311,566,079
1,134,757	34.59	65,317	5,019,317	346,224,706
989,009	30.05	68,390	5,063,364	342,644,179
1,043,067	26.09	70,006	5,140,258	325,108,898
1,086,571	32.42	71,822	5,284,000	327,805,147
1,222,941	36.52	74,840	5,354,859	330,401,154
1,319,829	37.58	76,336	5,474,739	351,784,094
1,507,163	40.92	75,292	5,514,200	405,111,615
1,274,696	36.41	78,554	5,514,200	410,155,304
1,152,631	30.27	82,173	5,207,600	413,417,241
1,316,170	36.88	82,391	5,334,000	413,099,993
1,322,585	35.67	91,386	5,649,651	419,968,644
1,398,296	37.09	97,353	5,702,001	545,866,446
1,403,349	34.29	98,127	5,800,000	502,892,359
1,498,275	35.73	101,836	6,984,000	524,230,946
1,325,433	44.28	77,367	6,207,010	375,932,477
1,934,355	57.01	87,696	6,379,000	429,632,592
1,701,236	47.86	88,058	7,206,573	454,334,160
3,307,948	89.98	74,729	8,733,285	492,867,037
3,137,825	83.18	abolished	10,161,492	545,057,591
3,744,073	92.54		12,536,929	605,488,153
3,329,054	77.70		11,983,657	604,793,249
3,504,838	78.95		12,600,202	623,847,729
3,224,429	69.25		16,929,218	647,207,514
2,817,831	60.13		14,020,943	749,000,000
3,034,690	64.75		14,156,365	758,352,565

1912, and data from Auditor's Office, Assessor's Office, etc.

PRINCIPALS AND SUPERVISORS AND TEACHERS EMPLOYED DURING THE YEAR ENDING JUNE 30, 1917.

	Principals			Teachers		
	Men	Women	Total	Men	Women	Total
Day High Schools	5	0	5	71	104	175
Evening High Schools	3	0	3	36	22	58
Day Elementary Schools	7	78	85	9	1,136	1,145
Evening Elementary Schools	4	2	6	11	30	41
Supervisors						
Home Economics (Ev'ng Elementary)		1	1		1	3
Primary Grades (Day Elementary)		1	1			
Special Subjects (Day Elementary)						
Modern Languages				1	5	6
Drawing		1	1		7	7
Domestic Science		1	1		20	20
Manual Training	1	0	1	18		18
Physical Education	1		1	1	4	5
Music		1	1		1	1
Oral for Deaf					4	4
Defective Speech				1	1	2
Sub-normal		1	1		1	1
Kindergartens					14	14
Grand Total	21	86	107	148	1,352	1,500
Grand Total Principals and Supervisors					107	
and Teachers					1,500	
					1,607	

SCHOLASTIC PREPARATION OF TEACHERS.

Number of Teachers (including Principals.)

Who are graduates of University of California	193
Who are graduates of Leland Stanford Jr. University	35
Who are graduates of other Universities	56
Who are graduates of S. F. City Normal School	248
Who are graduates of Chico State Normal	24
Who are graduates of Los Angeles State Normal	4
Who are graduates of San Francisco State Normal	258
Who are graduates of San Jose State Normal	132
Who are graduates of Santa Barbara State Normal	10
Who are graduates of Normal Schools of other States	37
Who are graduates of Lux School	9

CERTIFICATION OF TEACHERS.

No. holding regular certificates of High School Grade	243
No. holding special certificates of High School Grade	92
No. holding regular certificates of Grammar School Grade	1163
No. holding special certificates of Grammar School Grade	74
No. holding certificates of Primary School Grade	20
No. holding special Kindergarten Certificates	14

VOLUMES IN SCHOOL LIBRARIES AND STOREROOM (INCLUDING BOOKS FOR USE OF INDIGENTS).

	Volumes	Estimated Value
Day and Evening High Schools	7,585	$ 6,000
Day and Evening Elementary Schools and Kindergartens	104,110	40,476
In storeroom	2,500	1,250
Total	114,195	$47,726

NUMBER OF SCHOOLS.

Number of High Schools (Day)	5
Number of High Schools (Evening)	3
Number of Intermediate Schools (Specialized Grammar)	3
Number of Elementary Schools (Day)	82
Number of Elementary Schools (Evening)	5
Number of Kindergartens	14
Total	112

NUMBER AND TYPE OF CONSTRUCTION OF SCHOOL BUILDINGS.

	Elementary	High	Total
Number of Class "A" school buildings owned by the Department	5	2	7
Number of Class "B" school buildings	1	0	1
Number of Class "C" school buildings	11	3	14
Number of "Special Construction" school buildings (concrete and brick with wooden frame)	23	0	23
Number of wooden school buildings	47	0	47
	87	5	92

SCHOOL VISITATIONS.

Official visits of Superintendent and deputies	4,685
Official visits by members of the Board of Education	1,262
Visits by other persons	73,422

"STATE SCHOOL ENROLLMENT" AND ATTENDANCE STATISTICS FOR THE YEAR ENDING

	June 30, 1917	Increase (I) over or Decrease (D) from 1916	June 30, 1916
Day High Schools	6,002	I. 1,338	4,664
Evening High Schools	4,225	I. 343	3,882
Day Elementary Schools	49,746	D. 593	50,333
Evening Elementary Schools	3,973	D. 291	4,264
Kindergartens	1,155	I. 258	897
	65,101	I. 1,061	64,040

(Note: "State School Enrollment" admits no duplication. Pupils promoted during the year are enumerated only in the grades from which they were promoted.)

AVERAGE DAILY ATTENDANCE.

	June 30, 1917	Increase (I) over or Decrease (D) from 1916	June 30, 1916
Day High Schools	4,345	I. 493	3,852
*Evening High Schools	729	I. 65	* 664
Day Elementary	41,515	I. 214	41,301
*Evening Elementary Schools	556	D. 59	* 615
Kindergartens	524	I. 94	430
Total	47,669	I. 807	46,862

*The State law requires that the number of those actually present in elementary and secondary evening schools be divided by two for purposes of apportionment of State School Funds. There were, therefore, actually present in average daily attendance in elementary and secondary evening schools twice the numbers given above, or 1,285 and 1,279, respectively.

"STATE SCHOOL ENROLLMENT" BY GRADES AND SEX.

("State School Enrollment" admits no duplication. Pupils promoted during the year are enumerated only in the grades from which they were promoted.)

DAY SCHOOLS.

	Boys	Girls	Total
Kindergartens	577	578	1,155
Elementary Schools—			
First Grade	5,664	4,851	10,515
Second Grade	3,762	3,502	7,264
Third Grade	3,550	3,482	7,032
Fourth Grade	3,272	2,997	6,269
Fifth Grade	2,930	2,803	5,733
Sixth Grade	2,666	2,485	5,151
Seventh Grade	2,067	2,324	4,391
Eighth Grade	1,597	1,791	3,388
Total Elementary Schools	25,508	24,235	49,743
High Schools—			
First Year	1,290	1,747	3,037
Second Year	619	876	1,495
Third Year	364	491	855
Fourth Year	259	356	615
Total High Schools	2,532	3,470	6,002
Grand Total (Day Schools)	28,617	28,283	56,900

Note: The apparent disproportion of pupils in the first grades of the elementary and high schools in "State Enrollment" is further explained by the fact that the numbers 10,515 for elementary first grades and 3,037 for high school first grades is derived from three divisions of the first grade, whereas in all other grades the total numbers set opposite them are derived from two grades only.

EVENING SCHOOLS.

	Men	Women	Total
*Evening Elementary Schools—			
First Grade	462	76	538
Second Grade	182	47	229
Third Grade	285	53	338
Fourth Grade	408	94	502
Fifth Grade	305	42	347
Sixth Grade	363	82	445
Seventh Grade	381	94	475
Eighth Grade	385	79	464
Special Home-Economics	.....	635	.....
Totals	2,771	1,202	3,973
*Evening High Schools—			
First Year	2,209	792	3,001
Second Year	709	367	1,076
Third Year	119	15	134
Fourth Year	13	1	14
Totals	3,050	1,175	4,225
*Grand Totals (Evening Schools)	5,821	2,377	8,198
Grand Totals (Day Schools)	28,617	28,283	56,900
Grand Totals	34,438	30,660	65,098

*Evening schools enroll only pupils who are over 15 years of age, except a few who have been granted a permit to work, but who are over 14 years of age. Many adults are enrolled, both native born and foreigners.

GRADUATES.

Number of graduates from the elementary schools (day and evening).

	1916-17	1915-16
Boys	1,681	1,621
Girls	1,971	1,750
Totals	3,652	3,371

Number of graduates from the high schools (1916-1917).

	Day	Evening	
Boys	206	175	381
Girls	315	80	395
Totals	521	255	776

Number of graduates from high schools (1915-1916).

	Day	Evening	
Boys	179	223	402
Girls	254	82	336
Totals	433	305	738

REPORT OF THE BOARD OF EXAMINATION.

The Board of Examination is composed of: Superintendent Alfred Roncovieri, Chairman; Deputy Superintendent W. B. Howard, Secretary; Deputy Superintendent T. L. Heaton, Deputy Superintendent A. J. Cloud, Deputy Superintendent W. H. DeBell, Deputy Superintendent Mary Magner.

The Board of Examination has conducted one examination (December 1916), according to law, of persons desirous of securing certificates. It has met monthly and forwarded its recommendations to the Board of Education.

Herewith is a resume of its work:

Certificates granted on Credentials.

High School—	
Men	9
Women	29
	38
Grammar—	
Men	6
Women	188
	194
Specials—	
Men	11
Women	36
	47
Renewals—	
Men	4
Women	40
	44
On Examination. Grammar—	
Men	0
Women	3
	3
Rejected—	
Men	0
Women	3
	3
Number of Certificates issued	279
Number of Certificates renewed	44
Number of Applicants rejected	3
Amout fee collected of applicants, including renewals	$652

NECROLOGY.

Barthel, Mr. Franklin K.	Supervisor Manual Training	Died July 20, 1916
Church, Miss E. F.	Pacific Heights School	Died Aug. 24, 1916
McCormack, Miss J. V.	Lowell High School	Died Sept. 10, 1916
Marshall, Mrs. M. L.	Fairmount School	Died Nov. 4, 1916
Rowe, Mrs. Maude M.	Laguna Honda School	Died Dec. 18, 1916
Shea, Miss M. T.	Crocker Intermediate School	Died Jan. 8, 1917
Carson, Miss N.	Washington Grammar School	Died Jan. 10, 1917
Johnson, Miss A. M.	Golden Gate School	Died March 1917
Backman, Mrs. F. L.	Lincoln Grammar School	Died June 24, 1917

STATISTICS OF RESIGNATIONS, DEATHS, AND APPOINTMENTS OF TEACHERS.

	Resigned	Died	Dropped From Roll	Total	Total Number of Teachers Appointed (all Schools)
1911-12	33	9	10	52	116
1912-13	38	9	4	51	86
1913-14	38	14	7	59	83
1914-15	38	4	4	46	107
1915-16	41	13	2	56	105
1916-17	44	9	11	64	153

REPORT OF SUPERVISOR OF DRAWING IN THE ELEMENTARY SCHOOLS

Mr. Alfred Roncovieri,
Supt. of Schools,
San Francisco.

My Dear Mr. Roncovieri:

In reply to your request for a report from my department for the past year, I desire to say that I am quite pleased with the results obtained in many of our schools.

While there has been no change in our Course of Study for the past three years, we are endeavoring to improve our methods of teaching it.

We have at present an exhibition of our work at the Palace of Fine Arts which has attracted considerable attention among San Francisco's art colony. Mr. J. Nelson Laurvik, the Director of the Palace has repeatedly written about it in the most flattering terms.

To advise you, regarding the esteem in which our results are held by well known authorities, I affix copies of two letters received by me at the close of last term.

Copy of a letter from Mr. Maxwell Armfield, the celebrated English artist, whose work is on exhibition at the Palace of Fine Arts.

San Francisco, Calif., June 5, 1917.

My dear Miss Ball,

I feel that I must send you a line to say how very much I enjoyed seeing the drawings of the children, yesterday.

I have not seen such promising work anywhere, in Europe or America.

Having taken classes myself in the most progressive London art school, The Central School of Arts and Crafts, I know a little of conditions there. My only regret in seeing your work is that you are not able to continue it into its logical unfoldment into craftsmanship.

However, even as it stands it is a bright spot in the dreary waste of art education as it is today.

Yours very truly,
MAXWELL ARMFIELD.

Copy of a letter from Professor Arthur B. Clark, head of Graphic Arts Department of Leland Stanford Junior University.

Stanford University, Calif., March 20, 1917.

My dear Miss Ball:

On returning from our trip of visiting art and drawing departments in San Francisco and Oakland on Saturday, I felt like writing you at once to express the thanks of the class for your kindness in explaining so clearly to us the ideas and principles underlying your teaching of art in the San Francisco schools; and even more to express my personal gratification that public school children anywhere have produced such splendid drawings as those which you showed to us.

The San Francisco children have had *real art* training, a thing which is extremely rare. I have seen a great many exhibitions of school drawings, from Boston to California, but I never saw a set of elementary or high school drawings in which the essentials of strong, emotional, creative art were so pronounced; and the teaching so successfully concentrated upon and directed toward the conditions which will produce natural, healthy, and powerful artistic emotion and expression. I consider this the highest aim

of art training in the schools; not to train future artists but to give appreciation of art.

The reason I delayed writing was to let the excitement of the day wear off and to see if the whole twelve people of our company would continue as enthusiastic in their comments. The class meets only on Tuesdays and Thursdays, and I find them today just as enthusiastic an enraptured over the work as they were on Saturday, and when one considers that they include our most advanced students and four experienced teachers, one may feel that their approval is no small tribute.

Too often drawing teaching is dry and formal; in aiming to get uniform results, supervisors are prone to dodge the difficulties of their problem, and eliminate the conditions which permit mental activity and creative power on the part of the pupils. They aim at technical uniformity and get sterility. Loose, free handling in children's hands is the only condition which permits mental alertness, and joyful creative emotion. How I wish that art teachers everywhere could have heard your talk to us on Saturday morning and have seen your children's drawings, that this greatest of all principles could have inspired them!

Clive Bell in the book entitled "Art," page 287, says: "Art is not based on craft but on sensibility; it does not live by honest labor, but by inspiration." And on page 285: "Surely there can be no reason why almost every man and woman should not be a bit of an artist since almost every child is." And again; "Can we save the artist that is in almost every child?"

I feel very much encouraged to believe that we can in seeing your drawings.

I would like to see the spontaneous illustration as you formerly taught it, with all the natural mental characteristics of children's drawing so naively left alone (as Kerchensteiner of Munich, and Rouma of Belgium in their exhaustive studies of children's drawings have demonstrated to be typical). I would like to see this kind of drawing, and the object drawing and design, as you now teach them, carried on in every school of the United States, and I hope that some day they may be.

Again thanking you most heartily for the real help and inspiration which you have given us,

Most sincerely yours,

ARTHUR B. CLARK.

Trusting that such favorable comment may gratify you and you may appreciate the efforts of myself and my assistants in our efforts on behalf of the children of our city, I remain,

Yours very sincerely,

KATHERINE M. BALL.

REPORT OF DIRECTOR OF MUSIC IN THE ELEMENTARY SCHOOLS.

In reply to your request, I herewith submit the following report of the work done in the Music Department of the City Schools ending June, 1917.

The strong point of music that must account in a measure for the great social power it possesses, is its direct appeal to the instinctive and emotional life; for all men possess this life in common.

No sense appeals so directly and so forcibly to the emotions as sound. Sound surpasses all other senses in its universality and in the force of its effects. Music, with its variation, manifests this direct and quick power over the emotions to a high degree. The intimate association of the nerves of hearing and muscular sensation (all of which are affected by music), with those of the sympathetic nervous system, renders possible almost instantaneous changes in

the central, especially the vital organs of the body. The changes in circulation are the most prominent of all these effects, and go far to account for the range and force of feelings which is possible for music to exert. Certain it is, in fact a matter of common experience, that while various classes and grades of music draw upon the emotional life with varying effects, the strong, the sympathetic, the vast in music seems to set us vibrating, by sympathy, in every nerve and fibre of the body as well as in the Spirit.

It is this universality, then, of the power of music to appeal to human emotions that gives it its breadth and depth of power. All music seems to contain something for everybody.

"The use of music in almost every clime under the sun bears witness to this same universality of music as a language of the emotions if not of the thoughts of men; of its power to hold, to arouse, to inspire, to incite to deeds; of its powers especially to draw men together in a community of feelings and hence through the exercise of their function as a human bond to further the development among men of those social emotions that make for unity and co-operation in community life. This art above almost any other, or at least next to speech (in fact, it was developed, so far as song is concerned, contemporaneously with speech and the dance), lends itself most readily to the different phases of human life, in society.

The Public School is a very important part of the social life of a community, and music in the Public School System is of fundamental importance. In education, mental and physical activities are being developed in a remarkable manner. The hopes for the future are in the rising generation. But in the hearts and minds of people there is too much the idea that happiness means "to have" instead of "to be." Modern life is fast becoming too material. Music in education is a counter-acting influence, and it is a medium by which the increased mental and physical activities are allied to the higher life qualities which make for character.

The heart and soul life may be promoted by music and song. Therefore in education music's place is one of the highest distinction.

The fundamental aim of public school music is a cultivation of the musical sense in the children; an appreciation of the best there is in music; an appeal through music so that the children will respond to the instinctive and emotional life of the music; a development of the inner natures of the children so that they will feel the quality of higher music. Through this awakening an interest will be so aroused that the technical and formal side of the subject will appeal to the intellectual in the children, and they will thus go forward anxious to learn more of a subject that means so much to their physical, mental and spiritual natures.

The organization and administration of the Music Department during the last year has been based upon the foregoing aims. Songs have been chosen carefully to meet all the moods of childhood, selections from the best composers have been rendered, and have been used as a basis for definite accomplished results. A love for good music and the inspiration coming from its right presentation and the correct rendition of it have certainly been developed. Added to this, power on the part of the children has made them able to express their feelings and imaginations in an artistic manner vocally and musically. Coupled with this power, has been shown a genuine interest in the varied sides of musical study, which has produced a strong endeavor to master the essentials of the subject. The various sides of music have been studied, such as, expression, rhythm, voice development, breathing, enunciation, ear-training, intervals, part-singing, oral and written dictation, sightsinging and theory. The ideals and aims of the most successful students of modern applied psychology and pedagogy have been embodied in the aims of this department. The changing voice of the boy has

been watched carefully this year, and voices have been carefully segregated for the part singing. Musical appreciation has been greatly increased during the year by the recognition, on the part of the children, of well known patriotic Folk Songs and Classics. Talks have been given by the teachers on the great masters and their compositions. Musicales have been given at the various schools where the children have taken part collectively and individually. There have been many new phonographs incorporated into the equipment of the schools with an accompanying collection of very fine records. By these means the children have become acquainted with many of the treasures in the great store house of Music.

The work has been carefully planned by the Director of Music who has given during the year a series of lessons to the one thousand regular teachers. Outlines have been furnished covering all sides of the work. The meetings were given as grade meetings and attendance was compulsory. Two hundred songs were sung, and the work for the year was illustrated. A course of volunteer lessons has been given for all teachers. Subjects such as "Voice Development for Teachers," "The Child Voice," "Rhythm," "Art of Conducting," "Interpretation," "Sight-Singing," and "Children's Songs" have been lectured upon, and practical work has been given bearing upon these subjects. A course of eight lessons has been given to the teachers who have recently entered into the Department, and suggestions and directions have been given. Meetings are held with the Special Teachers of Music in the various schools four times a year and instruction is given for the work. The office of the Music Department has been open one day each week after school, and teachers wishing or requiring instruction have been aided.

The regular teacher is a very important factor in the instruction of music in the schools. I am pleased to report that many of our regular teachers are very musical. They have a love for the subject and they have studied much. Besides this, they are attending the best concerts and orchestras, and are extending their knowledge of the subject through lectures and reading. Added to this, they are excellent teachers and know how to impart their knowledge to the children. Whenever a teacher is capable of doing her own work, I have insisted on the work being done by herself; but if a teacher is not capable, she is required to exchange work with an able teacher in music. In some schools if there are a number of teachers who are not skilled in music, the work is given to one teacher who is certified and appointed by the Board of Education as a special teacher, and is given extra compensation. There are thirty such teachers in the Music Department. Some of these teachers are in Intermediate Schools where they take entire charge of the music. Besides these teachers, there are about twenty principals who are musical, and about one hundred and eighty-five teachers who are teaching a number of extra music classes without compensation. All these have been a wonderful help in the music work, and they have formed a power because of their interest and endeavor. I commend highly the faithful skillful work of our teachers, and I appreciate the spirit of their co-operation. During the past year no music was furnished me to give them on account of lack of funds. Still many of the teachers bought the music suggested, so that the children would have some new songs. Some schools have required more attention than others, so some schools have been visited more frequently. Where the principal has organized the work carefully, and the teachers have followed the directions given them by me, the work has been remarkable. I have heard and seen some exceptional work in the various schools. Aid has been given by me through conferences, meetings, class lessons, supervision by visits and in various other ways. I have directed, advised and encouraged the teachers. The various music teachers have helped those in their own buildings. Miss Edith Fleming, the Assistant, has carried out the work through her visits and lessons.

Many new pianos have been bought for the Department by the Board of

Education and they have proved a most welcome aid. A beautiful new organ has been given to the Girls' High Schools.

In the fall of the year, the Elementary Commissioner of Education, Dr. Margaret McNaught, asked me to meet with her and the Normal School Directors of Music to compile a Bulletin containing suggestions to teach music for the Rural Schools. I took a journey to Marysville and San Jose for this purpose, and after two meetings of intensive work, the Bulletin was compiled. It is of great interest and will be a great help to all teachers of the State.

The commencement exercises in most of the schools were entirely composed of choruses, which had been learned through the term as regular work. The character of these songs exemplified the high standard reached by the classes, as to selection and as to interpretation. Some of the part songs rendered were "Handel's Largo," "Lift Thine Eyes," "Serenade" by Gounod, Mendelssohn's "Spring Song," "Sextette," "Cradle Song" by Reis, "Eye Hath Not Seen" by Gaul, "On Wings of Music" by Mendelssohn, "Thou Art Like Unto a Flower" by Lizst, "Humoreske" by Dvorak, "List the Cherubic Hosts," "In Dreams I Hear the Seraps Fair" and many other songs from the well known operas and songs from the best composers. Selections from modern composers have been used, and also there has been a great interest in the use of songs written by our own California Composers: Oscar Weil, Dr. H. J. Stewart, John Metcalf, Henry Pasmore, Arthur Fickenscher, Samuel Savannah and Charles McCurrie.

During the moth of March, the dedication of the Redding School took place and the children of the grammar grades of the school sang a number of beautiful songs, in parts, under my direction. There were many compliments given to the singing. The great Madam Melba, who was present as a guest, was warm in her praises of the singing and conducting. Mr. Joseph Redding said that the children sang better than the choirs in the Cathedrals of Rome; and in the matter of attack the children's singing was equal to the chorus of the Bohemian Club. I drilled this chorus for three weeks with the assistance of Miss Hawkins, the special music teacher, Miss Geary and Miss Edson, the accompanist.

During the year of the Exposition, there were so many demands for children's choruses outside of the school premises, that the Board of Education deemed it advisable to deny such requests, and a rule was passed to that effect, and it has continued in operation.

Some three years ago I organized the society known as the San Francisco Public School Music Teachers' Association. It is composed of the teachers who are teaching music, and it meets for social and business purposes. During the past year a group of teachers have met under my direction to rehearse together The Folk Songs and the Patriotic Songs.

During the past year, the music work of the High Schools was extended. Two new teachers were added to the department, and recitations were arranged daily to be elected by the pupils. Mrs. Mary D. McGlade was appointed to take charge of the work in the Polytenchnic High School and also at the High School of Commerce. In the Polytechnic School Mrs. McGlade conducted a Girls' Glee Club and a Boys' Glee Club and classes in Harmony and History and Appreciation of Music. There were about one hundred and seventy pupils enrolled in the music courses. An orchestra of about forty pieces was in charge of Mr. C. Lamp, the science instructor. During the year, in the plays given by the school, "Everyman" and "As You Like It," and at the graduations, the orchestra took part and Mrs. McGlade drilled and led the choruses. At the school rallies the Glee Clubs sang under her direction, as well as the whole school. At the High School of Commerce, she led about six hundred pupils in community songs, instructed a choral class, and organized and rehearsed the orchestra of the school. There were two musicales given in this school. During the year at the French play given at the school, the choruses and orchestra were under her direction.

At the close of the year Mrs. McGlade drilled and conducted the graduating exercises of the Humboldt Evening School. Through the past term at the Girls' High School, Mrs. McGlade rehearsed and directed a large orchestra of about thirty-five pieces made up of pupils from the combined High School Orchestras.

Mrs. Mary Carr Moore was given charge of the music work in the Girls' High School and the Mission High School. In the Girls' High School there were about two hundred pupils enrolled in the music courses. There were classes in Harmony, Musical History and Appreciation, and glee club and orchestra work. Mrs. Moore prepared the music with the pupils for an English play, a French play and a German play, and she also drilled and conducted the senior classes for two graduation exercises. In the Mission High School there were enrolled in the music course about one hundred and eighty pupils in the various classes in Harmony, Girls' Glee Club, Boys' Glee Club, Music History and Appreciation, and orchestra work. When the French play was produced Mrs. Moore drilled and conducted the choruses and orchestra. Two musicales were given during the year and the music for two graduations was drilled and conducted. In the original farce, by Mrs. Moore, called "Harmony," and which was produced by the pupils in the music courses of the Mission High School, four of the musical numbers were composed by the scholars. Mrs. Moore arranged and composed the musical numbers in this farce and drilled and conducted the orchestra and choruses.

Miss Constance Keohan was appointed to the Lowell High School and the High School of Commerce. In the Lowell High School there were about three hundred music students enrolled. There were classes in Harmony and Musical Appreciation and History, a Boys' Glee Club, a Girls' Glee Club, a mixed chorus and orchestra work. Musical numbers for two graduations were prepared and conducted by Miss Keohan in this school, also music for a French play, and a concert by the glee clubs and orchestra. In the High School of Commerce she had classes in Harmony and choral and at the end of the term she gave a cantata with the pupils, assisted by the orchestras of the Lowell High School and the High School of Commerce.

For a number of Years the work in music of the San Francisco State Normal School has been closely allied to the work in the Public Schools. Once a week after regular school hours, I have conducted courses of lectures on Public School Music, and these have been illustrated with songs and choruses.

During the year, I was made secretary of the Community Singing Committee, and there were established in three centre classes in public schools for adults. In the school work, the songs of the various countries have always been a part of my course of study, and the children have been required to learn certain songs by heart. In the great choruses which have been sung by the children under my direction, these songs always have formed a part of the program. In the various schools, there has been assembly singing and it has proved a great bond to further brotherhood and fellowship, as well as to further love of the Patriotic and Folk Songs. At the request of the Honorable Superintendent Roncovieri during the County Institute, I gave a few remarks on Community Music and led the eighteen hundred teachers in one Patriotic and Folk Songs. It was certainly a joy to conduct so attentive and responsive a body. At the institute on another day Mrs. McGlade spoke and led some songs.

After the Declaration of War, the first patriotic meeting was held in the Civic Auditorium. Mr. Charles Moore, the President of the Panama Exposition, formally presented to our city the great organ, and when the Honorable James Rolph, the Mayor of San Francisco, accepted the gift in behalf of the city, he also made a thrilling patriotic speech which stirred the audience to great enthusiasm. At the close of this meeting I directed the fifteen thousand present in the "Star Spangled Banner" and "America" to the accompaniment of the playing of Mr. Lemare. It was a never-to-be-forgotten occasion. The Honorable Board of

Education called a Red Cross Meeting for the teachers and there again we sang the Patriotic Songs under my direction. Since then there have been a number of unofficial gatherings where there have been requests for me to lead Patriotic Songs. This year I received an invitation to make an address at the National Education Association at the Music Section. Because of an urgent request, I will attend the Convention of the California Music Teachers' Association and deliver an address in July.

I am pleased to report that during the past year, there has been organized under my direction an Elementary School Orchestra with a membership of about forty, and there has been a genuine enthusiasm for the work. There is no fund to provide music for this organization. The children bought their own music. At the Crocker Intermediate School also there has been an orchestra organized. At the Horace Mann Intermediate School there is a well established orchestra, and in a number of grammar schools small orchestras have been formed. In each high school there is an orchestra, and there is another orchestra drawn from all the high schools.

San Francisco is fortunate in possessing so many musical opportunities. Concerts by the Golden Gate Band, and the Municipal Band. The San Francisco Symphony Orchestra, The Municipal Orchestra, The Philharmonic Orchestra, The Concerts on the great organ by Mr. Lemare, besides many other concerts have all been wonderful privileges.

In every way the study of music is encouraged, and children are urged to listen to good music, attend concerts and take lessons on the piano and other instruments.

Appreciation and enjoyment of music is a rich endowment. Social service is rendered by participation in choruses and by individual performances. Through this glorious Art the soul can be touched and can expand and thus "love, and lift, and live!"

"See deep enough and you see musically; the heart of Nature being everywhere Music, if you can only reach it."—Carlyle.

I wish to recommend the following:

a. That in transferring and assigning teachers, the musical ability be taken into consideration with the musical need of the school.

b. There is a great lack of equipment. It hampers Sight-singing. Supplemental books should be sent to the schools, one set (50 books) for each grade from the third grade through the eighth grade. I have recommended this before but ask again for these books, to be selected by the Supervisors.

c. That extra music needed in my office be supplied.

d. That orchestra music be allowed.

e. That books be allowed me for library.

f. That octave music be allowed for traveling library.

g. That a new piano be given to my office.

h. That a typewriter be allowed in my office. I am renting one now, as the clerical work and correspondence are exacting.

i. That I be allowed to select two assistants when funds allow.

j. That a phonograph with records be provided in my office.

I wish to mention again the good work of the teachers, the support given me by the Principals, the efficient work done by the assistant, Miss Edith Fleming, and all the Special Teachers of Music.

Thanking the Honorable Superintendent, the Deputy Superintendents, and the Honorable Board of Education for their co-operation and kindness, I am,

Sincerely yours,

(Signed) ESTELLE CARPENTER,
Director of Music.

REPORT OF THE DIRECTOR OF INDUSTRIAL EDUCATION AND VOCATIONAL TRAINING.

San Francisco, June 22, 1917.

Mr. Alfred Roncovieri,
Supt. of Schools.

Dear Sir: Pursuant to your request, I beg leave to submit the following report of the work done under my supervision during the past year:

The work of which I have charge, as the title of my office indicates, is composed of two parts; (1) industrial education and (2) vocational guidance. As the past year was my first in the department, and the work in industrial education was already established, while that of vocational guidance was quite new, most of my time was necessarily devoted to getting in touch with and keeping in shape the work in industrial education, though I must hasten to add that vocational guidance was by no means neglected, as will be shown later in this report.

The sudden death of the late Mr. Barthel left the then-called Manual Training Department without a head for over a month. During this time Deputy Superintendent Cloud gave as much time as he could to the task of keeping the department in running order. It pleases me to report that, in spite of the necessarily brief intervals that Mr. Cloud was able to devote to the needs of the Manual Training Department, he had the work so well organized by the time I had been elected and was started on my duties, that there were but a few things left to do to get the work of the Department under full swing.

Contrary to the custom of recent years the teachers of Manual Training were called together for professional instruction and discussion at least once a month during the past year. These monthly meetings, I am pleased to say, proved most interesting and profitable both to the teachers and to myself. The meetings brought the men together and got them to know each other as they had not done for some time past.

One point particularly worth while mentioning regarding the activities of the Department is the course of lessons in The Application of Art to Material which the men took. This course was given gratis by Mr. Pedro Lonos, the Director of the California Institute of Fine Arts. It was a course of twelve lessons and practice given on Monday evenings between the hours of seven and nine. I am proud to add that this art course was attended by every one of the teachers of Manual Training, most of them without a single absence.

As to the work in Vocational Guidance, I can only report, as I intimated before, that, owing to the arduous duties of becoming acquainted with an already well-established and extensive system of industrial education, I was able to give the guidance feature of my office but slight attention. I am pleased to believe, however, that we have made a start in a most propitious manner. During the first term I gave a course in Vocational Guidance (under the management of the Extension Division of the University of California) to a body of about twenty teachers. Some of these teachers are among those who were already giving guidance in the Polytechnic High School, some were from the Industrial Department, and others were teachers employed in the Intermediate Schools.

I want to take this opportunity to say a word in praise of the principals of our three Intermediate Schools. These three principals have co-operated in every possible way to bring about the success of such work in Vocational Guidance as we could undertake. Each one of these principals saw to it that several of his teachers became acquainted with the vocational guidance problem.

This co-operation of the principals explains how it is that we were able to give vocational guidance a fair start in each of the Intermediate Schools. Further progress of the vocational guidance work will largely depend upon our

being able to put in the hands of the pupils books on the subject. It is for that reason that, at my suggestion, each of the Intermediate school principals has asked for a set of copies of Gowin and Wheatley's book entitled "Occupation," that being the best book yet on the market, for our purpose.

I trust that it will be possible for the Board of Education to supply during the coming year such stenographic and perhaps other help as will be necessary to put our plans concerning vocational guidance on the working basis which so important a phase of public school service justly deserves.

Respectfully,

CHAS. L. JACOBS,
Director of Industrial Education and Vocational Guidance.

REPORT OF ETHAN ALLEN SCHOOL.

On July 30, 1916, we opened our school with 55 boys. On that day we paroled 10 boys. On January 3, 1917, we paroled 16 boys. In addition to sending 10 boys to other schools, we allowed 14 to go to work. Of the paroled boys, 2 were compelled to return, the rest keeping up with the class work, in many cases being promoted during the term, advancing a grade or two. The boys sent to work have proven satisfactory and all have been able to advance in the places we sent them.

Our school work is ungraded, consisting of grades from the first to the eighth. We follow the regular course of study, slightly modified. In addition to the curriculum we have established rug weaving, brush making, cobbling, wicker furniture making, basketry, wood work, and gardening. Typing has been added to the school's work this term.

Enough vegetables are raised to supply over a hundred boys with a luncheon daily.

During the regular vacation it has been our custom to send many of the boys berry picking under the guidance of the Boys and Girls Aid. Their industry has enabled them to pay for the summer outing and given them a little money besides. The boys remaining in the city are looked after by a paid worker from the Juvenile Protective Association. She visits the homes at least four or five times during the vacation, getting a full account of conduct. This is kept on record. By this means we keep in touch with all the boys during the vacation, which, in my mind, is far more important than regular school time. Very few of our boys ever get in trouble during the vacation.

We have a circulating library in connection with the school in order to cultivate a taste for good reading. We also have a Balopticon and Stereopticon for lectures on history and geography. A set of stenographs and stereoscopes has been added to the school. This is used for teaching geography.

The five showers and three bath tubs have helped much to secure habits of cleanliness. These are used daily.

Respectfully,

(Signed) RAE ALEXANDER,
Principal.

SAN FRANCISCO DAY SCHOOL FOR THE DEAF.

July 14, 1917.

The close of the sixteenth year of the Day School for the Deaf finds us with an attendance of thirty children and a teaching staff of four.

The children have made good progress in their work during the year. Five left school within that time—two of them being large boys who have gone to

work, one large girl to remain at home and two small children, both semi-deaf, to enter schools for the hearing.

Five new pupils have entered the school since last July, three of them partially deaf and coming from schools for the hearing in San Francisco, two others from the Berkeley School for the Deaf.

At the close of the school in June Miss Zaletta M. Wood resigned to return to her home in Providence, R. I., and Mrs. Anita Church to teach in the Los Angeles Day School for the Deaf. Miss Geraldine De Silva of the Ogden, Utah, school and Miss Claire Montgomery of the Los Angeles school were appointed to fill the vacancies.

Besides the regular school-work the older boys received instruction, once a week, in Manual Training at the Adams School, the older girls instruction in cooking at the Crocker School and in sewing under the supervision of their regular teacher. A sewing machine was added to our other school equipment this year.

At Christmas time members of the California Club very kindly subscribed five dollars toward providing a Christmas tree for this department.

A vacant school-room was placed at our disposal in January which gives us a sufficient number of rooms for the present number of children and teachers.

ALMA L. CHAPIN,

San Francisco Day School for the Deaf.

REPORT OF SPECIAL CLASSES FOR SUBNORMALS.

In July, 1916, there were three classes for the training of subnormal and retarded children. Two of these classes were in the Ungraded Primary School and one in the Buena Vista School. In September, 1916, the fourth class was opened in the Fairmount School and a trained teacher placed in charge.

During the year seventy-eight children have been enrolled in these classes. Of this number sixty-five were boys and thirteen were girls.

These children are given the academic work they are capable of receiving and are trained along manual and industrial lines. A large variety of hand work is given. The children assist in caring for the rooms and grounds and are given much practical assistance in personal cleanliness. In woodwork classes the boys make simple articles for home and school use and girls assist in making curtains and in the making and mending of their own clothing. Some of the boys also sew well.

The shacks at Ungraded Primary School are being torn down and a building espjecially designed for this line of work is being built. This will enable us to care for the children of this type in the district where there are many over-crowded schools and where the removal of the subnormal child is not only of great help to himself, but also a wonderful relief to the normal children and teachers.

LOUISE M. LOMBARD.

REPORT OF THE SPEECH CORRECTION DEPARTMENT SEPTEMBER, 1916—JUNE, 1917.

Total number pupils enrolled September, 1916—June, 1917.....1115
Class 1..... 538 Class 2..... 577

Total number pupils left classes September, 1916—June, 1917..... 413
Class 1..... 175 Class 2..... 238

Total number pupils entirely corrected and nearly corrected June 1917..... 287
Class 1..... 154 Class 2..... 133

Number pupils Peabody Center June, 1917..... 92
Class 1..... 36 Class 2..... 56
Pupils Excused..... 1
Class 1..... 0 Class 2..... 1

Number pupils Mission Grammar Center June, 1917..... 157
Class 1..... 97 Class 2..... 60
Pupils Excused..... 7
Class 1..... 6 Class 2..... 1

Number pupils Hancock Center June, 1917..... 115
Class 1..... 50 Class 2..... 65
Pupils Excused..... 4
Class 1..... 1 Class 2..... 3

Number pupils John Swett Center June, 1917..... 185
Class 1..... 106 Class 2..... 79
Pupils Excused..... 34
Class 1..... 12 Class 2..... 22

Number pupils Junipero Serra Center June, 1917..... 118
Class 1..... 55 Class 2..... 63
Pupils Excused..... 10
Class 1..... 4 Class 2..... 6

Number pupils Lowell High Center June, 1917..... 10
Class 1..... 10 Class 2..... 0

Number pupils Mission High Center June, 1917..... 24
Class 1..... 14 Class 2..... 10

Number pupils John Swett High School Center June, 1917..... 7
Class 1..... 7 Class 2..... 0

GENERAL REPORT OF ATTENDANCE AND PROGRESS.

	Pupils Corrected Class		Pupils not attending Center but receiving drill		Pupils attending Center		Pupils greatly improved		Pupils improved		Center— Pupils not improved	
	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.
	1	2	1	2	1	2	1	2	1	2	1	2
	1	2	1	2	1	2	1	2	1	2	1	2
Peabody Center:												
Emerson		1		40	3		3					
Frank McCoppin			1	2	4	7	3	3	1	4		
Grant			1	5	2	1		1	2			
Lafayette						1		1				
Madison				30	2	2	2			2		
Pacific Heights				15	1	4	1	4				
Peabody					5	6	3	3	1	3	1	
Rochambeau				10	4	2	4			2		
Roosevelt				77	2		2					
Sutro				84	10	24	2	7	8	17		
Mission Grammar Center:												
Agassiz	1				6	2	No Final Report					
Balboa	Does not attend center											
Bryant					6	3	No Final Report					
Buena Vista					4		No Final Report					
Columbia					6		No Final Report					
Daniel Webster					1	14	No Final Report					
Edison			1	1	3	2	2		1	2		
Everett		1	1	4	6	1	1		5	1		
Douglass					4	2	No Final Report					
Hawthorne					1	8	1	2		6		
Irving M. Scott					1	4	No Final Report					
James Lick			9		10		2		6		2	
Le Conte				1		2		2				
Marshall	2		1	2	9	6	7	5	2	1		
Mission Grammar	3				8	3	5	1	3	1		1
Noe Valley				3	7	8			7	8		
Patrick Henry			4		1		1					
Portola					6		No Final Report					
Starr King			5	15	4	2	1	2	3			
Sunnyside				2	3	2	1	2	2			
Visitacion Valley				2	2	4	2			4		
Hancock Center:												
Hancock					6	11	5	9	1	2		
Jean Parker	1		1	1	5	8	1	3	4	2		3
Sarah B. Cooper					5	15	5	8		7		
Garfield		1	5	1	5	2	5	2				
Oriental					1	4	No Final Report					
Sherman						2		2				
Spring Valley					5	6	No Final Report					
Washington Gr.					5	1	5	1				
Washington Irving		2			10	7	4	4	5	3	1	
Winfield Scott					1		No Final Report					
Yerba Buena					3	2	No Final Report					

GENERAL REPORT OF ATTENDANCE AND PROGRESS—Continued.

	Pupils Corrected Class		Pupils not attending Center but receiving drill Cl.	Cl.	Pupils attending Center Cl.	Cl.	Pupils attending Center—Pupils greatly improved Cl.	Cl.	Pupils improved Cl.	Cl.	Pupils not improved Cl.	Cl.
John Swett Center:												
Adams					5	2	5			2		
Crocker					8		No Final Report					
Denman					1	6	No Final Report					
F. Scott Key		6	1	11	1	4	1	1		2		1
Franklin	2				9	1	No Final Report					
Fremont					8	1	3		5			1
Golden Gate	2	5			3	9	3	4		5		
Grattan				3	6	2	5		1	2		
Hamilton					4	2	No Final Report					
Hearst	3	1			6	5	3	3	3	2		
Henry Durant			1		2	1	2	1				
Jefferson						1	No Final Report					
John Swett	4	4		3	16	17	5	3	11			14
Lincoln					3	2	No Final Report					
McKinley	1			3	7	2	4		3	2		
Laguna Honda			6		2	1	2			1		
Redding		6			8	15	3	7	4	6	1	2
Ethan Allen					8		No Final Report					
Columbus					4	2	No Final Report					
Bay View					2				2			
Burnett				3		3		1		2		
Junipero Serra Center:												
Junipero Serra		1	3		10	13	10	5		8		
Bernal					7	2	3		4	1		1
Cleveland	3	1			7	2	4	1	3			1
Fairmount		1			7	9	7	4		5		
Farragut					2		No Final Report					
Haight			1	9	3	1	3	1				
Longfellow					4	5	No Final Report					
Monroe					2	3	No Final Report					
Sheridan					1	3		2	1	1		
Kate Kennedy					2	1	No Final Report					
Glenn Park	1	3		1	1	7		5	1	2		

The following schools have not been represented this term, January, 1917, to June, 1917.

Andrew Jackson
Balboa
Buena Vista (Children attend)
Harrison (Teacher attends)
Hunter's Point
Spring Valley
Jefferson (Child attends)
Winfield Scott (Child attends)
Dudley Stone
Moulder
Parkside
Commodore Sloat
Rincon
Michelangelo

REPORT OF TOTAL NUMBER CASES DEFECTIVE SPEECH 533

San Francisco School Department 1916-1917.

CLASSIFICATION.

Stammerers:	
Male	109
Female	36
Stutterers:	
Male	71
Female	16
Clutterers:	
Male	2
Female	1
Defective Articulation and Stammerers:	
Male	21
Female	4
Defective Articulation and Stutterers:	
Male	13
Female	2
Defective Articulation:	
Male	131
Female	54
Lispers:	
Male	22
Female	18
Stammerers, Stutterers and Clutterers:	
Male	4
Female	2
Stammerers and Stutterers:	
Male	10
Female	....
Stutterers and Lispers:	
Male	2
Female	....
Tongue-tied	3

CAUSES.

Heredity	66	Mastoid operation	5
Imitation	41	Rheumatism	1
Injury	17	Heart trouble	3
Shock	8	Spasms	1
Tongue-tied	3	Prenatal	2
Malformation of mouth and throat	2	Concussion of brain	1
Paralysis	3	Bronchial Asthma	1
Scarlet fever	11	Spinal Meningitis	5
Diphtheria	10	Cerebral Spinal Meningitis	1
Illness (Whooping Cough, Measles, Mumps)	23	Deformed mouth due to operation	1
		Confusion of Language	1

COMBINED CAUSES.

Heredity and Imitation	18	Scarlet Fever and Pneumonia	2
Heredity and Illness	14	Scarlet Fever and Whooping Cough and Measles	3
Heredity and Injury	4	Operation or Abscess in head	6
Heredity and Shock	2	Operation for Adenoids and Tonsils	3
Shock and Injury	10	Operation in throat, Shock, Injury, Illness	1
Shock and Illness	5	No cause assigned	89
Imitation and Illness	8		
Diphtheria and Scarlet Fever	1		

AGE DEFECT DEVELOPED.

2 years	15	10 years	9
3 years	14	11 years	6
4 years	23	12 years	7
5 years	20	13 years	4
6 years	16	On beginning to talk	199
7 years	21	On entering school	19
8 years	13	In school	3
9 years	7		

GENERAL PHYSICAL CONDITION.

Fair	7	Convulsions	1
Poor	3	Asthma	1
Aenemic	15	Malformation of body	1
Nervous	25	Atrophied arm	1

MOUTH.

Negative	35	Jaw Undershot	1
Palate Small Arch	1	Jaw Overshot	2
Palate High Arch	11	Jaw Malformed	1
Palate Cleft	4	Jaw Sluggish	3
Palate Malformed	3	Jaw Narrow	2
Hare Lip	1	Jaw Broken	1
Tongue-tied	3	Oral Twitching	2

TEETH.

Fair	6	Irregular and Defective	12
Irregular	31	Malformation	1
Defective	143		

NOSE.

Negative	22	Fracture	1
Reflective Septum	9	Operated upon	2

THROAT.

Adenoids Moderate	9	Adenoids and Tonsils Removed	116
Adenoids Enlarged	1	Adenoids and Tonsils Hypertrophied	23
Tonsils Moderate	50	Tonsils Buried	2
Tonsils Enlarged	73	Tonsils Follicular	2
Adenoids Removed	5	Glands Swollen	18
Tonsils Removed	19	Glands Broken Down	1
Adenoids and Tonsils	12	Operation on Throat	2

UVULVA.

Missing	2	Biforated	1
Sluggish	1	Bifurcated	1

HEARING.

Defective	8	Mastoid Operation	5
Slightly Defective	29	Mastoiditis	1
Abscess back of Ear	2		

EYES.

Defective	20	Slight Conjunctivitis	5
Nystagmus	2	Crossed	1
Strabismus	8	Marginal Blepharitis	5

RACE.

English	121	English-Spanish	1
French	11	English-German	4
Italian	87	English-Portuguese	5
German	41	French-Irish	1
Russian	13	French-German	1
Belgian	1	French-American	2
Irish	36	French-Scotch	1
Scotch	1	French-Italian	1
Polish	3	German-American	3
Spanish	5	German-Spanish	1
Norwegian	3	German-Irish	2
Swedish	6	Italian-Irish	1
Danish	1	Irish-American	3
Hebrew	49	Irish-Spanish	1
Portuguese	9	Irish-Norwegian	1
Roumanian	2	Swedish-American	1
Greek	4	Russian-Roumanian	1
Mexican	4	Spanish-American	1
Japanese	1	Scotch-American	1
Chinese	4	Canadian-American	1
Negro	1		

LANGUAGE SPOKEN.

English	179	English-Norwegian	2
English-French	11	English-Roumanian	7
English-German	39	English-Japanese	1
English-Italian	84	English-Chinese	4
English-Yiddish	31	English-Greek	4
English-Spanish	11	English-Mexican-Italian	1
English-Russian	7	English-German-Spanish	1
English-Portuguese	5	English-French-Scotch	1
English-Polish	3		

MABEL F. GIFFORD,

Per GRACE E. McKENZIE,
Assistant.

DEPARTMENT OF PHYSICAL EDUCATION, ATHLETICS, SOCIAL AND LECTURE CENTERS.

Mr. Alfred Roncovieri,
Superintendent of Schools,
City and County of San Francisco.

Dear Sir: Pursuant to your instructions, I submit the following report concerning the operations of the Department of Physical Education, Athletics, Social and Lecture Centers for the school year ended June 30, 1917.

Physical Education in Elementary Schools: The time allotted to physical education in the elementary schools was twenty minutes per day, divided as follows: Five minutes each morning for corrective gymnastics (setting up drill), and seven minutes each afternoon for general gymnastics, followed by eight minutes of free play in the school yard. All gymnastic exercises were arranged in a progressive order with reference to time and the age and capability of pupils. The method employed in setting forth and applying gymnastic exercises was this:

(1) Lessons were prepared and printed on small cards for each grade. The lesson cards thus prepared were placed in the hands of classroom teachers who instructed the pupils.

(2) Classroom teachers were instructed and guided in the application of the lessons by a staff of four District Supervisors of Physical Education, each of whom served a district of the city containing twenty to twenty-five schools.

(3) Posture illustrations printed on cards twenty-two by twenty-eight inches were placed in each classroom. These illustrations set forth in striking manner the correct positions for pupils to take in standing and sitting. Thus, the "picture method" was employed to overcome faulty postures and to teach the correct carriage of the body at all times.

(4) A booklet of twenty-nine pages and twenty-one illustrations, entitled "Guide to the Plan of Physical Education in the Elementary Schools" was prepared and placed in the hands of principals and teachers. The purpose of the Guide was to furnish teachers with a convenient reference text concerning the nature, scope and technique of physical education as applied to the conditions under which they were expected to work.

The plan of physical education in the elementary schools thus set forth was centered upon three objectives: (1) health education; (2) the development of organic vigor by means of selected exercises; (3) the maintenance of good posture as an aid to health, grace of movement and economy of effort.

Athletics in Elementary Schools: Interschool athletics were conducted on a large scale for boys in the upper grades in the grammar schools. The list of events and the number of participants set forth below will convey some idea of the extent and nature of this phase of our physical education work.

Annual Championship Swimming Meet, September 23, at Sutro Baths—400 boys participating.

Annual Championship Field Meet, October 7th, at Southside Playground—400 boys participating.

Annual Novice Field Meet, November 3rd, at Southside Playground—425 boys participating.

Annual Basketball Tournament, October 2nd to December 8th. Games conducted on various public playgrounds—75 teams participating.

Annual Soccor Football Tournament, January and February. Games conducted on various public playgrounds—26 teams participating.

Annual Baseball Tournament, March, April and May. Games conducted in public parks and playgrounds—67 teams participating.

Annual Championship Track Meet, April 28th, at Golden Gate Park Stadium —450 boys participating.

Annual Novice Track Meet, May 17th, at Golden Gate Stadium—430 boys participating.

The various schools involved in the above athletic schedule were supplied with basketballs, baseballs, bats, masks, gloves, footballs, and other necessary implements of games. Simple, inexpensive badges were awarded for individual excellence in the athletic contests. Team prizes in the form of silver cups, banners and placques were supplied by individuals and business firms who made their contributions through the Public Schools Athletic League, an organization of business and professional men who voluntarily co-operate with the Board of Education in promoting athletics among school boys. Since the inception of the Public School Athletic League work, the Board of Education has employed one man to supervise it. He arranges the programs, conducts the meets and tournaments, keeps the records and advises with principals and teachers. During the year under consideration, a teacher in each of forty schools volunteered to serve for slight extra pay ($5.00 per month for ten months) as "Teacher in Charge of Athletics." The duties of these teachers were outlined as follows:

"Each teacher or principal who volunteers to take the athletic league work will receive $5.00 per month, effective September to June, inclusive. Teachers who accept pay for conducting the P. S. A. L. work will be expected to

Post all P. S. A. L. notices that come to the school.
Select and enter boys in the various P. S. A. L. events.
See that entry blanks are properly handled in all detail.
Accompany teams to all games and events of the P. S. A. L.
Assume responsibility for the discipline of individuals and teams in all P. S. A. L. events.
Be responsible for supplies and implements issued to the school for athletic work.
Carry out the instructions of the Supervisor of Athletics.."

This arrangement has not only been helpful to the Supervisor of Athletics, but it has resulted in a better quality of athletic achievement in all of the schools involved. The aims of our athletic league work have been—

(1) To supplement the formal physical exercises of the classroom with a type of physical education work designed to encourage self-expression and give soul satisfaction to the more active boys.

(2) To occupy the after school hours of boys with a constructive interest and occupation.

(3) To encourage good sportsmanship.

(4) To develop a robust body and a courageous spirit.

Physical Education and Athletics in High Schools: The year under consideration marks the first time that effort has been made to incorporate a scheme of physical education in the high schools. Heretofore, the Girls' High School only has had a special teacher of physical education who has endeavored to carry out a systematic plan of physical education. The other four high schools have merely had competitive athletics promoted by the students and supervised by regular teachers who gave extra time to this subject for slight extra pay. This year, the Board appointed special teachers of physical education and athletics in each of the high schools. These teachers were started in their work under the following instructions:

"BOARD OF EDUCATION, DEPARTMENT OF PHYSICAL EDUCATION, ATHLETICS, SOCIAL AND LECTURE CENTERS.

To Principals and Teachers of High Schools:

On June 20th, the Board of Education created for the high schools the position of 'Director of Physical Education and Athletics' and appointed the following persons to fill the positions thus created:

Polytechnic High School:

Mr. Willis O. Hunter,
Director of Physical Education and Athletics for Boys.
Miss Gertrude Brown,
Director of Physical Education and Athletics for Girls.

Lowell High School:

Mr. Courtenay Overin,
Director of Physical Education and Athletics for Boys.
Miss Clara Newhouse,
Director of Physical Education and Athletics for Girls.

High School of Commerce:

Mr. George C. Lorbeer,
Director of Physical Education and Athletics for Boys.
Miss Nita Sheffield,
Director of Physical Education and Athletics for Girls.

Mission High School:

Mr. Omar F. Bradway,
Director of Physical Education and Athletics for Boys.
Miss Nita Sheffield,
Director of Physical Education and Athletics for Girls.

Girls' High School:

Mr. Laura H. Tharp (Reappointed),
Director of Physical Education and Athletics.

The object of this action by the Board is to center the responsibility and leadership in all matters of physical education and athletics in each of the high schools in one man for the boys, and one woman for the girls.

The Directors of Physical Education and Athletics will become members of the faculty in their respective schools. They will be subordinate to the Principal and subject to all of his rules and regulations for the guidance of the faculty.

The Director of the Department of Physical Education, Athletics, Social and Lecture Centers, will aid the principal in establishing and carrying forward the work of physical education and athletics. He will be responsible for all technical procedure and the supervision of the methods, systems and practices of the Directors of Physical Education and Athletics.

The general plan of procedure will be extensive, rather than intensive, athletics; i. e., methods and practices which will center time and effort upon the mass of students, rather than upon the coaching of 'first teams.'

The Directors of Physical Education and Athletics will welcome voluntary assistance of other members of the faculty in coaching and supervising teams for interschool contests. The work of volunteers must, however, harmonize with the plans and the aims of the Directors of Physical Education and Athletics who, alone, will be held responsible to the Principal and the Department.

The Directors of Physical Education and Athletics will at once address themselves to carrying out the following aims. The extent to which some of the aims may be carried out will depend upon the physical facilities at hand and the measure of co-operation accorded the Directors of Physical Education and Athletics by the Principal and the members of the faculty..

AIMS OF THE DEPARTMENT OF PHYSICAL EDUCATION AND ATHLETIC IN HIGH SCHOOLS.

I—PHYSICAL AIMS:

The development of organic vigor through muscular exercises and the establishment of habits which lead to systematic physical exercise.

By means of

Organized and directed play in the building or in the school yard.
Systematic classes in gymnastics in the building or in the school yard.
Folk, gymnastic, aesthetic and social dancing as a part of a gymnastic course or as an unrelated exercise.
Class or group competition in games and athletic events wholly within the school.

Boxing, fencing and wrestling, arranged for groups on competitive or non-competitive basis.

Swimming, diving and life saving, arranged for groups on competitive or non-competitive basis.

Interschool competition in games, aquatics and athletic events arranged directly with other schools or through athletic leagues. (Interschool events for girls must be arranged only on the basis of an invitation to play or compete. The parts of 'hostess' and 'guest' must be strictly carried out.)

Talks or lectures by the Director on physiology of exercise, hygiene and first aid.

Insistence upon the application of the laws of hygiene in exercise, bathing, dress and training.

Medical examination of heart, lungs and nervous system of all students who participate in events which call for a severe test of speed, strength or edurance.

Note: As soon as feasible, these physical aims should be guaranteed to the student by certain required work for freshmen and sophomores, and by elective participation for juniors and seniors.

II—SOCIAL AND ETHICAL AIMS:

The awakening and development of social ideals and good conduct. Not to be attained by mere preachment, but through the experiences of the student, supplemented by the interpretations of the Director, the Principal and members of the faculty who observe students in their play exercises.

By means of:

Participating in the 'school spirit' engendered by athletic contests.—Loyalty.

Taking defeat gracefully and victory modestly.—Self-control.

Giving the 'square deal' to team mates and adversaries alike.—Good sportsmanship.

Accepting the ruling of officials without 'crabbing'—Respect for Authority.

Working together and subordinating self interests for common interests, as in team play.—The Essence of Good Citizenship.

Avoiding the use of profane and obscene language. Attention to proper dress upon the athletic field, in the gymnasium and about the school. Proper language and conduct in the presence of the opposite set, especially at school dances and athletic functions. Guarding against slouchy, slovenly, tough expressions of any character.—Good Manners.

Training; i. e., faithful, painstaking effort when upon the athletic field, and avoidance of tobacco, liquor, late nights and weak companions when off of the athletic field.—Moral Stamina.

Respectfully,

E. B. DE GROOT,
Director of the Department."

Very satisfactory progress has been made in the high schools in every phase of the physical education work. Competitive athletics among the boys were placed under a controlling influence that has resulted in better discipline and a higher degree of good sportsmanship. Athletics for girls were promoted and regulated in a manner to safeguard the health and social well being of all who participated. One unique feature of the work among girls has been the provision of a class in swimming once each week. Several hundred girls have been taught the most approved methods of swimming and life saving.

Social and Lecture Centers: The department has endeavored to meet the public demand for the establishment of neighborhood centers in public school

buildings. The following announcement was issued for the guidance of all concerned.

"RULES FOR THE ESTABLISHMENT AND OPERATION OF NEIGHBORHOOD CENTERS IN THE PUBLIC SCHOOL BUILDINGS OF SAN FRANCISCO.

The Board of Education will grant and promote, through its Department of Physical Education, Athletics, Social and Lecture Centers, the use of school buildings for evening neighborhood centers of the following character:

A—Social Centers—for the purpose of conducting neighborhood rallies, entertainments, clubs, etc., for any moral purpose, except political or religious propaganda.

B—Lecture Centers—for the purpose of conducting lectures, discussions or debates upon any subject free from political or religious propaganda.

C—Music Centers—for the purpose of promoting neighborhood choruses or other musical interests of the people.

Note: The term 'Social Center' is here used to denote an inclusive neighborhood center. The social center may, therefore, include both lecture and music centers, as well as many other interests and activities.

By 'political or religious propaganda' is not meant broad and liberal treatment of the civic and ethical questions of the day. The bar is against partisan or factional politics and the promotion, criticism or giving offense to any religious faith or organization.

When neighborhood centers are established, the Board of Education will provide the following for each center:

One employe of the Board of Education to serve as leader, promoter and manager of the center.

Necessary janitorial service.

Light and heat.

A certain amount of equipment, repairs and supplies required for given activities.

Motion picture service in social centers once each month.

Stereopticon and operator in lecture centers.

Piano in music centers.

All other items of expense in the operation of a neighborhood center must be met by the patrons of the center.

Club dues and admission fees may be collected and expended under the following rules:

(1) Each club or unit group in the center must select a chairman or president and a secretary-treasurer, who will be responsible not only to the group they represent, but equally responsible to the manager of the center.

(2) Dues or admission fees collected by any club or unit group of the center must be immediately deposited with the manager of the center. Deposit and receipt books must be used to insure accuracy and clear records involving all collections, deposits and disbursements.

(3) The sale of tickets for any entertainment must be conducted only at the entrance door at the time of the entertainment. Outside sale or huckstering of tickets will not be permitted.

(4) All money derived from club dues or entertainments must be invested in the further equipment or operation of the center.

(5) Admission fees to any form of entertainment must not be greater than 25c per person.

GENERAL RULES.

The regular closing time for evening centers shall not be later than 10 o'clock. The extended time for special functions shall not be later than 11 o'clock.

Children shall not be admitted to evening centers unless accompanied by adults.

The activities of the evening centers must be confined to those parts and facilities of the building that have been assigned for evening center use.

Smoking in or about the building will not be permitted. Spitting upon floors and other offensive acts will not be tolerated. Patrons of evening centers must be thoughtful of the rights and safeguards of children to whom must be guaranteed a sanitary, orderly and well kept school plant.

There must be strict adherence to all regulations imposed from time to time by the manager of the center. The manager will exercise advisory control and ultimate authority in all matters of operation."

During the year under consideration, centers were maintained for short or long periods in the following schools:

Bryant School Social Center:

Monday each week—Dressmaking.
Tuesday each week—Millinery.
Wednesday each week—Millinery.
Last Friday each month—Neighborhood Rally.

Jean Parker Social Center:

One night each week—Community Singing.

Laguna Honda Social Center:

Thursday night each week—Community Singing.

Sutro Social Center:

One night each week—Community Singing.

Monroe Social Center:

Monday each week—Choral and Ukulele Club.
Friday each week—Spanish class.
Friday each week—Boys' Gymnasium Club.
Friday each week—Girls' Sewing Club.

Sunnyside Social Center:

First Friday each month—Motion Picture Entertainment.
Second Friday each month—Lecture.
Third Friday each month—Mothers' Club Entertainment.
Fourth Friday—Neighborhood Improvement Association Meeting.

John Swett Social Center:

Monday each week—Millinery and Dressmaking.
Monday each week—Cooking.
Monday each week—Spanish.

Monday each week—John Swett Junior Alumni Association.
First Wednesday each month—Neighborhood Rally.
Second Wednesday each month—Lecture.
Third Wednesday each month—Parent-Teachers Association.
Fourth Wednesday each month—John Swett Senior Alumni Association.
Wednesday each week—Class in English and American Laws and customs.

Visitacion Valley Social Center:

Monday each week—Community Singing.

Yerba Buena Social Center:

Monday each week—Girls' Dramatic Group.
Tuesday each week—Young Men's Dancing Group.
Wednesday each week—Millinery Group.
First Friday each month—Lecture.
Second Friday each month—Dance for "grown-ups."
Third Friday each month—Pay Show.
Fourth Friday each month—Neighborhood Rally.
Extra Friday—Extra.

The work of the Department of Physical Education, Athletics, Social and Lecture Centers has been maintained under a segregated budget amounting to a total of $25,400. This amount has covered all items of expense, including salaries, supplies, equipment, and even permanent improvements to school property incident to carrying out the various phases of the work of the department. The accomplishment in the light of the amount of money expended and the meager equipment at hand to facilitate the work has been very substantial. The success of the work of the department has, however, been due primarily to the hearty and sympathetic support of the Superintendent, the Deputy Superintendents, the members of the Board of Education, and to the generous co-operation of the principals and teachers throughout the School Department.

Very respectfully,

E. D. DE GROOT.

July 2, 1917.

Tax Collector's Report

July 23, 1917.

Hon. Jas. Rolph, Jr.,
Mayor, City and County of San Francisco.

Dear Sir: In compliance with Article 16, Section 9, of the Charter of the City and County of San Francisco, I have the honor to submit herewith the report of the License Department, showing all transactions during the fiscal year ending June 30, 1917.

Respectfully submitted,

EDWARD F. BRYANT,
Tax Collector.

ANNUAL SETTLEMENT FOR THE FISCAL YEAR 1916—EDWARD F. BRYANT, TAX COLLECTOR.

REAL ESTATE—FIRST INSTALLMENT.

To total amount charged Real Estate, 1st Installment		$ 5,568,344.51
By taxes collected and paid to the Treasurer	$ 5,534,925.58	
By property delinquent (previously sold to the State)	14,804.66	
By property sold to State for taxes of 1916	17,614.35	
Property withdrawn from sale under Sec. 2806, Political Code	845.44	
Taxes cancelled by Auditor under Sec. 3804a, Political Code	128.50	
Taxes cancelled by Auditor under Sec. 3805, Political Code	4.66	
Partial payments, amounts still due	21.32	
	$ 5,568,344 51	$ 5,568,344.51

REAL ESTATE—SECOND INSTALLMENT.

To total amount charged Real Estate, 2nd Installment		$ 5,568,344.51
By taxes collected and paid to the Treasurer	$ 5,505,503.71	
By property delinquent (previously sold to State)	16,079.91	
By property sold to the State for taxes year 1916	45,768.23	
By property withdrawn from sale under Sec. 3806, Political Code	845.44	
By taxes cancelled by Auditor under Sec. 3804A, Political Code	128.50	
By taxes cancelled by Auditor under Sec. 3805, Poolitical Code	4.66	
Partial payments, amounts still due	14.66	
	$ 5,568,344.51	$ 5,568,344.51

SECURED PERSONAL PROPERTY.

Total amount charged Personal Property secured by Real Estate		$ 553,635.81
By taxes collected and paid to the Treasurer	$ 552,523.40	
By property delinquent (previously sold to State)	350.69	
By property sold to the State for taxes of 1916	517.07	
By taxes cancelled by Auditor under Sec. 3805, Poolitical Code	233.00	
By taxes cancelled by Assessor under Sec. 3881, Political Code	11.65	
	$ 553,635.81	$ 553,635.81

UNSECURED PERSONAL PROPERTY.

Total amount charged Personal Property taxes not secured by Real Estate		$ 106,065.55
By taxes collected and paid to the Treasurer	$ 100,547.40	
By taxes cancelled by Auditor under Sec. 3805, Political Code	516.10	
By taxes delinquent	5,002.05	
	$ 106,065.55	$ 106,065.55

PENALTIES.

To amount charged Real Estate taxes, 1st Installment		$ 20,916.85
To amount charged Real Estate taxes, 2nd Installment		6,513.94
To amount charged Secured Personal Property Taxes		1,299.61
To amount charged Unsecured Personal Property Taxes		1,506.94
By taxes collected and paid to Treasurer, Real Estate, 1st Installment	$ 4,208.27	
By taxes collected and paid to Treasurer, Real Estate, 2nd Installment	3,340.22	
By taxes collected and paid to Treasurer, Secured Personal Property	1,077.13	
By taxes collected and paid to Treasurer, Unsecured Personal Proprety	403.31	
20% on amount delinquent, $33,418.93, Real Estate, 1st Installment	6,683.78	
5% on amount delinquent, 62,841.40, Real Estate, 2nd Installment	3,142.07	
20% on amount delinquent, 1,112.41, Secured Personal Property	222.48	
20% on amount delinquent, 5,518.15, Uusecured Personal Property	1,103.63	
15% not collected on partial payments, $129.04, Real Estate, 1st Installment	19.36	
20% not collected on partial payments, 27.21, Real Estate, 1st Installment	5.44	
5% not collected on partial payments, 633.06, Real Estate, 2nd Installment	31.65	
	$ 30,237.34	$ 30,237.34

ADDITIONAL AMOUNTS PAID TREASURER.

		$ 11,749.53
From Re-Assessments, fiscal year 1915 (on Roll 1916)	$ 328.16	
From Taxes of previous years	1,885.87	
From Costs, taxes of year 1916	1,319.00	
From Costs, taxes of previous years	25.00	
From Duplicate and Over-payments of taxes	6,212.00	
From Proceeds of Property sold for the State of California	1,979.50	
	$ 11,749.53	$ 11,749.53

RECAPITULATION.

To total amount collected and paid to Treasurer		$11,724,277.95
From Real Estate Taxes, 1st Installment	$ 5,534,925.58	
From Real Estate Taxes, 2nd Installment	5,505,503.11	
From Secured Personal Property Taxes	552,523.40	
From Unsecured Personal Property Taxes	100,547.40	
Penalties on taxes of 1916	19,028.93	
Re-assessments, year 1915	328.16	
Taxes of previous years	1,885.87	
Costs, taxes year 1916	1,319.00	
Costs, taxes previous years	25.00	
From Duplicates and Over-payments	6,212.00	
From Proceeds of Property sold for the State of California	1,979.50	
	$11,724,277.95	$11,724,277.95

4,853	Apartment Houses	$ 14,677.00
30	Assayers	330.00
8	Advertisers	80.00
33	Auctioneers	3,300.00
15	Games, Ball and Ring	75.00
3	Baseball	225.00
279	Public Baths	1,186.00
4,381	Tables, Billiard and Pool	17,524.00
6	Bill Posters	2,500.00
137	Bowling Alleys	685.00
64	Custom House Brokers	700.00
1,071	Real Estate Brokers	5,775.00
280	Merchandise Brokers	1,870.00
456	Stock and Investment Brokers	3,521.00
56	Carpet Cleaning	560.00
10	Circus	755.00
48	Concerts	240.00
5	Concert Halls	505.00
61	Concealed Weapons	183.00
484	Dance Halls	3,630.00
6,575	Dog Tags	9,862.50
653	Duplicate Tags	326.50
62	Dyeing and Cleaning	456.00
132	Exhibitions	741.00
13	Electrical Fixtures	1,300.00
218	Electrician, Master	2,180.00
9	Express	90.00
4	Gas Regulators	40.00
25	Guides	250.00
1	Guide Badge	2.50
2,414	Hotels	9,857.00
11	House Moving	275.00
178	Intelligence	2,848.00
8	Itinerant Vendors	400.00
1,285	Junk Dealers	1,571.00
989	Laundries	6,614.00
4	Light and Power	8.00
7,584	Liquor (retail)	948,000.00
522	Liquor (one day)	5,220.00
305	Livery Stables	1,220.00
2,073	Lodging Houses	6,219.00
82	Mercantile and Collection	915.00
9	Merry-Go-Round	90.00
1	Nickel-in-the-Slot	2.00
1	Outdoor Park	200.00
296	Panorama and Kinetoscope	7,400.00
182	Pawn Brokers	5,642.00
1,447	Peddler Tags	8,682.00
545	Peddlers (free)	.....
15	Petroleum Storage	150.00
1	Patent Chimney	125.00
11	Railroad Stage Agents	110.00
4,407	Restaurants	15,063.00
7	Riding Academies	28.00
211	Runner and Solicitors	2,110.00
84	Slaughterers	1,239.50

1,265	Second Hand Dealers	2,510.00
52	Shooting Galleries	395.00
317	Transfer and Delivery	1,535.00
13	Theatres	3,138.00
43	Towel Companies	258.00
122	Warehouses	1,970.00
40	Water Companies	1,325.00
561	Auto, Passenger Vehicles	2,001.75
2	Cabs	3.00
2,640	Cars, Street Passenger	9,900.00
429	Driver Badges	429.00
2	Hacks	5.00
3,825	Single Wagons	5,851.25
3,118	Double Wagons	7,855.00
436	Double Trucks	2,185.75
175	4-Horse Trucks	1,751.75
2,908	Auto Trucks, Less 1 ton	7,413.50
776	Auto Trucks, 2-ton	3,909.75
493	Auto Trucks, over 2 ton	4,973.75
647	Jitney, Class A	6,470.00
116	Jitney, Class B	2,035.00
3	Jitney, Class C	85.00
		$1,163,558.50

Coroner's Report

August 15, 1917.

Hon. James Rolph, Jr.,

Mayor, City and County of San Francisco.

Gentlemen: In compliance with Section 9, Article XVI of the Charter of the City and County of San Francisco, I herewith submit my annual report as Coroner for the fiscal year 1916-1917.

Respectfully submitted,

JOS. P. KELLY,
Chief Deputy Coroner.

CASES FROM JULY 1, 1916, TO JULY 1, 1917.

Month—	Homicides	Accidents and Suicides	Natural Causes	Total
July	52	13	49	114
August	36	13	46	95
September	37	24	48	109
October	40	14	59	113
November	50	26	55	131
December	61	19	70	150
January	54	21	73	148
February	50	24	49	123
March	39	15	56	110
April	41	14	55	110
May	35	16	60	111
June	42	22	46	110
	537	221	666	1424

Falls—

Into hold of ship—while employed	2
From window	10
From wagon—2 while employed	7
On sidewalk	11
Through trap door	1
While in fit	1
Down stairs	4
Over banister	1
Into hatch—while employed	1
From pole—while employed	1
While intoxicated	1
While escaping from hospital	1
From trestle	1
From smokestack—while employed	1
Through skylight	1
In mine—while employed	1
From scaffold—while employed	7
From polo pony	1
Into bay from wharf	1
Into bay from gang plank—while employed	1
From housemover's crib	1
From four horse truck	1
From pipe—while employed	1
From building—while employed	1
From derrick—while employed	1
Into bay from barge—while employed	1
From ladder—while employed	1
From coal bunkers—while employed	1
From painter's staging—while employed	1
On dry dock	1
From truck	1
From street car	1
From rungs in gymnasium	1
On floor	1
On street	2
From box car	1
From electric pole—while employed	1
From steps	1
Down stairs	8
From rocking chair	1
From ladder— 2while employed	3
From plank—while employed	1
On picket	1
On pavement	1
Total	89

27 cases of industrial accidents.

Murder—

Gunshot	22
Beaten (injuries)	1
Pocket knife	1
Stab wounds	3
Gas	4
Strangulation	1
Gas pipe	1
Knife and revolver	1
	34

Manslaughter—

Blow	2
While insane	1
	3
Voluntary manslaughter	1
Justifiable homicide	5

Abortion—

Unknown	1
Criminal	2
Self-induced	1
Murder	1
	5

Gunshot	9
Electrocution	2

Elevator—

Crushed by elevator	2
Crushed by freight elevator—4 while employed	5
Fall of sidewalk elevator—while employed	1
Total	8

5 while employed.

Poisons—

Lysol	2
Alum	1
Belladonna	1
Morphine	1
Chloroform	1
Irritant	1
Cyanide—while employed	1
Opium	1
Strychnine	1
	10

1 while employed.

Anaesthetic—

While under anaesthetic	1
Having tooth extracted	1
	2

Struck by—

Falling timber—2 while employed	3
Car spring—while employed	1
Falling pile—while employed	1
Drum load cement—while employed	1
Hoisting crane—while employed	1
Falling rock—while employed	1
Falling seat of car	1
Purveyor of lumber	1
Crane—while employed	1
Dredging machine—while employed	1
Caught in engine	1
Pile of lumber	2
Falling light pole	1
Stick—while employed	1
Collision with press—while employed	1
Crank shaft—while employed	1
On schooner—while employed	1
By boom—while employed	1
Sling load lumber—while employed	1
Total	22

15 industrial accidents.

Automobiles—

Collision of autos	1
Manslaughter	3
Struck by	39
Overturning	2
Due to weather conditions	2
Run over by	1
Crushed between auto and locomotive—while employed	1
Collision between car and auto	1
Walked into	2
Thrown from	2
Collision bet. auto and motorcycle	3
Blow out of tire	1
Collision with bicycle	1
Collision with light pole	1
Total	60

Jitneys—

Struck by	5
Fire auto apparatus—while employed	1
Motorbus	1
By taxicab	1
	8

Auto truck—

Walked into	1
Struck by	10
Run over by	1
Defective brake—while employed	1
Fall from	3
Total	16

Bicycle—

Struck by	1
Collision with rock pile—while employed	1
	2

Motorcycle—

Overturning	1
Walked into	1
	2
Gas	68
Charcoal fumes—while employed	1
Instantaneous heater	6
Auto engine	1
	76

Manner unknown—
Drowning 27
Injuries 6
Blood poison 1
Strychnine 1
Fractured skull 1
Potash 1
Hemorrhage 1
In hold of ship 1
Blow 1
Ruptured spleen 1
Total 41

Explosion—
Oxygen tank—while employed 2
Boiler 1
Bomb 9
Dynamite—while employed 3
15

Drowning—2 while employed 14
Fumigation (by cyanide) — while employed 2

Horse drawn vehicles—
Struck by horse drawn truck—1 while employed 4
Struck by horse and buggy 1
Runaway team—1 while employed .. 4
Crushed in wagon 1
Horse and wagon 2
Breaking wheel of wagon 1
Total 13
2 while employed.

Burns—
Burning building 5
Bonfire 1
Scalding tea 1
Exploded cloal oil lamp 1
From candle 2
Playing with matches 3
Lighting gas stove 1
Hot water 2
Grate fire 1
Cigarette 1
From kerosene 1
Scalded with soup 1
Overturned cresoline 1
Ignition of bedding 1
Falling into pot of paraffine 1
From asphalt 1
Explosion of distillate 1
Electric burns—while employed 1
Gasoline 1
Total 27

Street cars—
United Railroads:
Struck by 15
Walked into 3
Stepped in front of 2
Struck by two cars 1
Collision between cars (due to slippery rails)—while employed 1
Collision between two work cars while employed 1
Collision with wagon 1
Fall from 1
25

Municipal cars:
Struck by 3
Struck auto 1
4

Oakland Traction Co., Struck by 1
Cable cars:
Fall from 1
Struck by 1
2

Total street cars 30

Trains—
Fall from 1
Struck by 7
Freight car—1 while employed 2
Crushed between cars 3
Leaving tracks 1
Box car 1
Jumped from 1
Overturning freight car 1
Total 17

Suffocation—
Fumes of alcohol and chloroform 1
Jammed by lumber in box car 1
Cave-in excavation of basement—while employed 1
Cave-in ditch 1
Cave-in while digging—while employed 2
Total 6

Kicked—
By mule 1
By bull 1
By horse 1
3

Diving—
Diving in public baths 1
Cold and exposure 2
Neglect 3
Natural cause cases inquested 6

SUICIDES.

Males	176
Females	45
	221

STATION.

Married	74	Widower	7
Single	57	Divorced	7
Unknown	68		
Widow	8		221

OCCUPATION.

Artist	1	Janitor	1
Accountant	1	Kitchen helper	3
Architect	2	Lumberman	2
Baker	3	Longshoreman	1
Butcher	4	Laborer	10
Bell-boy	1	Leatherworker	1
Beauty doctor	1	Master mariner	1
Broker	2	Musician	1
Barber	1	Marble worker	1
Bartender	2	Marine fireman	1
Bookeeper	4	Miner	1
Baggagemaster	1	Millhand	1
Boxmaker	1	Milliner	1
Blacksmith	1	Machinist	5
Bookbinder	1	Marble finisher	1
Bricklayer	1	Nurse	1
Cook	5	Painter	6
Chauffeur	1	Printer	1
Cigar dealer	1	Police officer	2
Clerk	7	Porter	6
Contractor	1	Plumber	2
Civil engineer	1	Piano maker	1
Chambermaid	1	Packer	3
Carpenter	3	Plasterer	1
Check-boy	1	Real estate	1
Collector	1	Retired	7
Druggist	3	Rancher	2
Domestic	2	Restaurateur	1
Dishwasher	1	Railroad conductor	1
Dental student	1	Saloonman	1
Dressmaker	1	Stenographer	2
Engineer	1	Sheep herder	1
Elevator operator	1	Steward	1
Ex-soldier	1	Saleslady	1
Furrier	1	Sailor	8
Flagman	1	Salesman	3
Farmer	3	Sheet metal worker	2
Guard	1	Shoemaker	1
Grocer	2	Sergeant (U. S. A.)	1
Gripman	1	Saw filer	1
Housewife	24	Teamster	3
Hotelman	1	Tailor	1

OCCUPATION—Continued.

Teacher	1	Window cleaner	2
Traveling man	1	Watchman	3
Unknown	24	Waiter	1
Vegetable man	1	Waitress	1

MODE.

Gunshot	79	Strychnine	2
Gas	74	Chloroform	4
Carbolic acid	1	Arsenic	1
Strychnine	2	Jump from height	8
Hanging	11	Jump from train	1
Razor	10	Pocket knife	1
Lysol	3	With glass	1
Gunshot and chloroform	1	Morphine	1
Cyanide	6	Unknown poison	1
Bichloride	6		
Drowning	8		221

MOTIVE.

Unknown	50	Despondency	2
Finances	22	Love affairs	3
Ill health	52	Old age and poverty	2
Grief	3	Blindness	1
Temporarily deranged	18	Insomnia	1
Lack of work	13	Suicide pact	1
Drink	15	Insanity	1
Domestic troubles	12	Illness of wife	1
After attempt at murder	3	Fear of conscription	1
After committing murder	5	Fear of arrest	1
Melancholy	14		221

Mrs. Hazel Harrison, Edna Daniels, Gertrude Van Soosten. Inquested July 11, 1916.

Death due to burns received in a fire at 945 Golden Gate avenue, on the night of July 4th, at about 8 o'clock, started in the boiler room from a bundle of papers which from some unknown cause caught fire in close proximity to inflammable material which permitted the rapid spread of flames.

We further find the boiler room was not fireproof, in direct violation of the law. The door leading from the boiler room to the stairway of the house was off its hinges, which created an additional draft, allowing a more rapid spread of the flames, in fact a veritable death trap.

According to testimony of employees of the Board of Works no permits had been applied for in order to make alterations in said boiler room after construction of building which was completed in 1906.

It is further our opinion that the extent of the fire was largely contributed to by Mr. Shaw, the caretaker, who was evidently under the influence of liquor and evinced a decided lack of judgment in putting out the fire when first discovered. Likewise in his lack of duty in notifying the occupants of the building.

We recommend that a Board of Fire Prevention Commission be appointed by the authorities having that power to study the subject of fire prevention and they render to the Board of Supervisors complete sets of ordinances governing

fire prevention; also to inquire into the need of a permanent fire prevention bureau as an adjunct of the San Francisco Fire Department, its organization and rules governing its powers and duties.

We recommend that fire gongs be placed in advantageous positions to give a general alarm throughout all apartments, hotels, and lodging houses; that the fire department have printed instructions sufficiently large to call attention in all apartments, hotels and lodging houses, designating the nearest fire alarm box and also simple instructions to follow until the arrival of the fire department.

We further recommend to the Honorable Mayor of the City and County of San Francisco and to the Honorable Board of Supervisors of the City and County of San Francisco that a member of each district of the fire department be assigned to investigate, survey and inspect all hotels, apartment houses and all public buildings in which persons board, lodge or otherwise congregate, except in private residences which do possess a fire heating system or steam heating system and note and report that all requirements of the existing law be complied with and observed; otherwise the above mentioned structures be rendered and claimed unfit for occupancy until the faults have been corrected. For the present that a fireman in each district be assigned to inspect and survey and file a report on all the above mentioned structures at certain stipulated intervals not to exceed 120 days and to present the report to the District Fire Chief or other party in authority.

We recommend that the Fire Department be given its due recognition and appreciation for their rapid response to the alarm and their effective and heroic work that they displayed in the saving of life and limb.

* * *

Samuel Greenburg, Mihran Zahrigian. Inquested August 2 and 7, 1916.

That the said deceased came to his death from the explosion of an oxygen tank while on the premises of the California Artistic Metal and Wire Company, 349 Seventh Street, and that said tank contained oxygen and hydrogen gas in a dangerous mixture and that said tank of oxygen was manufactured and supplied by the Metal Weld Co., a corporation responsible for the explosion causing said deaths, and that they were criminally careless in not properly conducting their business of manufacturing and selling oxygen.

We further find that Harry Cole, an employee of the Hotel Weld Company, a corporation, was guilty of contributory negligence in delegating work requiring tecnical knowledge to two unskilled assistants, thru lack of knowledge, improperly connected the wires conducting the electric current to the cells used in the manufacture of the oxygen, thereby reversing the poles with the consequent disarrangement of the system, which resulted in the mixing of these cases in explosive combinations.

We further find that test of the gases was made at irregular and infrequent intervals.

We therefore recommend that oxygen and hydrogen and other dangerous gases shall be officially tested in their commercial containers and certified to before being offered for sale and we respectfully call the attention of the Industrial Accident Commission to this recommendation.

* * *

Irving A. Morris. Inquested August 1, 1916.

Deceased was accidentally drowned in a swimming pool in Golden Gate Park near the Stadium. We recommend that proper life saving apparatus be installed and an attendant be appointed to guard this pool.

* * *

Helen Vinzent. Inquested August 12, 1916.

We the jury find the cause of death was purely accidental, following the administration of an anaesthetic and was due to acute dilation of heart, com-

plicated by status lymphaticus and that we completely exonerate Dr. U. G. Bartlett from all blame in relation to her death.

As representatives of the medical and dental profession we deem it our duty to call the attention of the general public to the real dangers of general and local anaesthetics (ether, gas, chloroform, cocaine, etc.) and since these dangers are minimized in trained hands we recommend that the proper authorities enact a law requiring that whenever an anaesthetic is necessary it be given by a properly trained and qualified anaesthetist.

* * *

Vincenzo Della Cella. Inquested October 15, 1916.

That said death was caused by an injury due to fall of sidewalk elevator which turned over. We further find that the accident was due to faulty construction of elevator, and lack of safety appliances. We therefore recommend more rigid and compulsory inspection by properly constituted authorities of such elevators and the proper enforcement of the installation of such safety devices.

* * *

Mary Formoe. Inquested October 17, 1916.

That Mary Mormoe came to her death from carbon monoxide poisoning from carbon monoxide gas generated by an instantaneous heater installed without permit from the Board of Public Works. Said heater, contrary to the rules of the Board of Public Works was further installed without being properly vented. Said porch was entirely enclosed and was without independent inlet for air—three violations of the law. We recommend the entire matter to the attention of the Board of Public Works for such action as they deem necessary and fit. We further call to their attention that the records of the Coroner's office show this to have been the sixth death in two years evidently due to unvented heaters.

* * *

Miss Clara Sherman. Inquested November 10, 1916.

That death was accidental, due to falling thru skylight. We recommend that a building law or ordinance be passed properly protecting all skylights by wire screen or wire glass.

* * *

George Eaton. Inquested September 11, 1916.

That said death was accidental, due to being struck by a moving automobile.

We hereby recommend that the traffic squad be directed to the dangerous traffic conditions existing in the neighborhood of the Bohemian and Olympic Clubs on Post Street, due to the fact of the great number of juveniles and adults crossing back and forth in front of said club buildings. We recommend that vehicular and pedestrian traffic be specially regulated in front of and in proximity to these buildings.

* * *

John Walker. Inquested September 21, 1916.

Said death was the result of an accident due to being struck by an automobile.

We, the jury, having heard the evidence in this case, also in two other automobile accidents at this sitting, desire as a result of our observation and experience to make the following comment and recommendation.

That the time has arrived when the pedestrian traffic must be regulated. That it should be made a misdemeanor for the pedestrian to cross the street except at regular street intersections or at crossings designated by the authorities at reasonable marked points between regular crossings.

That ordinances be framed regulating the conditions under which vehicles shall approach crossings while occupied by pedestrians, the conditions for right of way and rules for passing—these regulations to cover all sections of the city.

We recommend that policemen visit the scene of automobile accidents as soon as possible and gather all evidence that may be obtained at the place of accident. That the machine or machines be taken in charge by the police and held pending trial.

We, the jury, wish to call special attention to the following: That in the majority of cases accidents involving pedestrians could have been averted by the pedestrian himself following the simple safety rule, "Stop, Look, Listen," yet in almost every case notwithstanding major fault on the part of the pedestrian, had the driver exercised every care the accident could not have happened.

We believe that where persons are either injured or killed in vehicular accidents, whether directly blamable or not, punishment should be meted out by having the machine placed in the custody of the police and the driver not permitted to drive his or any other machine for a period to be determined by a magistrate.

That to obtain the best results one police magistrate hear all automobile cases.

We recommend the above measures for cases not approaching the degree of actual criminal carelessness, believing that Coroner's juries and police judges, on account of humane feelings, dislike to class drivers in the accidents as criminals or to recommend jail sentences.

We believe that a wholesale deprival of the use of machines and the suspending of licenses for periods to suit the case would have a wholesome effect in minimizing the appalling and growing list of casualties in automobile accidents.

* * *

F. Niimura. Inquested October 8, 1916.

That death resulted from carelessness of the officers of the ship in not following the instructions given by the U. S. Quarantine officers.

We recommend that, if this form of fumigation is continued in use, it shall be done under the complete supervision of Federal officers duly qualified and that instructions and directions for such fumigation shall be furnished to officers arriving at this port in English and the language of the nation under whose flag the vessel sails.

* * *

William Thompson. Inquested October 11, 1916.

Said deceased came to his death from natural causes superinduced by excessive alcoholism. It would appear from the testimony that little or no care was exercised in ascertaining his physical condition and his fitness to undergo the sentence imposed. The jury, therefore, recommends that in all such cases the District Attorney should present to the judge a certificate from the City Physician showing that the prisoner is physically able to undergo the sentence of the Court.

* * *

Alfred T. Veghte. Inquested February 14, 1917.

That said deceased came to his death by accidental carbon monoxide poisoning caused by an unvented heater. We recommend that a retro-active ordinance be enacted to compel the proper venting of all gas water heaters.

We further recommend that a thorough canvass of the City be made by the Police and Fire Departments in order to ascertain the locations of all unvented gas water heaters.

* * *

Isaac Thexton. Inquested March 5, 1917.

That deceased came to his death thru loss of blood brought on by his having put his left leg through a glass partition, severing an artery, while in a state of delirium tremens.

The jury recommends that proper equipment be provided at the Isolation Hospital for handling obstreperous persons, as it is evident that had this man's legs been shackled he could not have caused this accident.

Michael Gallagher, Louis Fonseca, Joseph Santi. Inquested March 8, 1917.

Death was due to an explosion of dynamite caused by a delayed shot, apparently due to a defective fuse. The jury recommends for the prevention of similar accidents that the Industrial Accident Commission formulate rules for the handling of explosives in tunnels, quarries, and other similar work not covered by rules for mines. That Section B of rules for mines be made more specific and that they be made to require a better check on the counting of shots than they at present require.

It is further recommended that in cases of missed shots one competent man be delegated to make a thorough examination before the balance of crew is permitted to approach the places where the explosives have been placed.

* * *

Jacobus Kramer. Inquested November 17, 1916.

Met his death by cyanide poisoning. We find that this was largely due to the carelessness of the Quarantine Officials. We recommend that officials take more precautions and that the department be supplied with a life saving apparatus (oxygen, pulmoters). We further recommend that this department awaken and modernize itself.

* * *

Erik Fosberg. Inquested December 29, 1916.

Said deceased committed suicide while temporarily insane—jumped from the window at Lane Hospital. We recommend that the hospital authorities of San Francisco be more careful in the examination and admission of cases into the hospitals so that the possibly insane will not be placed in wards or private rooms, the windows and exits of which are not properly protected. We further recommend most strongly the establishment of a psychopathic hospital for the treatment and temporary detention of the mildly insane.

Poundkeeper's Report

ANNUAL REPORT OF THE PUBLIC POUND FOR THE FISCAL YEAR ENDING JUNE 30, 1917.

To His Honor the Mayor of the City and County of San Francisco:

As per requirements of the Charter, we herewith submit our annual report for the fiscal year just ended:

DOGS.

Dogs on hand July 1, 1916		26
Impounded during the year		3480
Redeemed and released on licenses	306	
Sold	287	
Destroyed	2866	
On hand June 30, 1917	47	
	3506	3506

CATS.

Impounded and destroyed		8096

LARGE STOCK.

Impounded		152
Redeemed	118	
Sold	5	
Destroyed	29	
	152	152

SMALL STOCK.

Impounded		84
Redeemed	73	
Sold	5	
Destroyed	6	
	84	84

CASH STATEMENT.

Received for dogs redeemed and released on license	$ 650.90
Received for dogs sold	861.00
Received for large stock redeemed	420.00
Received for large stock sold	76.25
Received for small stock redeemed	118.50
Received for small stock sold	13.00
	$2,139.65

All of the above cash was paid to the City Treasurer, as per receipts attached to monthly reports on file in the Board of Supervisors' and Auditor's offices.

SUMMARY.

City received from the Poundkeeper in fees	$ 2,139.65
City received from sale of 6575 dog licenses	9,862.50
City received from sale of 653 duplicate tags	326.50
Total received by the Poundkeeper	$12,328.65
Received by the Poundkeeper	9,988.00
Profit to the city from operation of pound	$2,340.65
Society's expense conducting pound for year	$10,347.14
Due and received by poundkeeper during year	9,988.00
Society's loss	$ 359.14

Respectfully submitted,

THE SAN FRANCISCO SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS, POUNDKEEPER,

MATTHEW McCURRIE,
Secretary.

Fire Commissioners' Report

San Francisco, July 1, 1917.

To the Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:—In compliance with the provisions of Section 9, Article XVI, of the Charter of the City and County of San Francisco, the Board of Fire Commissioners of said City and County do hereby submit and present its annual report for the fiscal year ending June 30, 1917, containing therein a statement of the expenditures, etc., and report of the Chief Engineer showing the conditions and operations of the Fire Department in general during said fiscal year.

ORGANIZATION.

The Fire Department, as now constituted, consists of a Board of Fire Commissioners of four members, a Secretary, a Chief Engineer, one First Assisstant Chief Engineer, one Second Assistant Chief Engineer, ten Battalion Chiefs, forty-eight engine companies, thirteen hook-and-ladder companies, twelve chemical companies, one water tower company, two fire boat companies, two relief engine companies and employes of the general office, corporation yard repair shops, department stables, auxiliary high pressure and distributing water system numbering in all 913 employes, of which 815 constitute the present uniform force of the department.

BOARD OF FIRE COMMISSIONERS.

JOHN F. DAVIS, President	Term expires January 8, 1920
FRANK C. SYKES	Term expires January 8, 1921
TILLMAN R. HERRING	Term expires January 8, 1919
JOHN T. FOGARTY	Term expires January 8, 1918
FRANK T. KENNEDY	Secretary.

OFFICERS OF THE DEPARTMENT.

Thomas R. Murphy	Chief Engineer
Stephen D. Russel	First Assistant Chief Engineer
John J. Conlon	Second Assistant Chief Engineer
Alfred Davis	Battalion Chief
Walter A. Cook	Battalion Chief
Michael Boden	Battalion Chief
Charles R. Murray	Battalion Chief
Edward Skelly	Battalion Chief
James F. Layden	Battalion Chief
Thomas J. Murphy	Battalion Chief
James Radford	Battalion Chief
George G. Bailey	Battalion Chief
John R. Maxwell	Battalion Chief

DETAILS OF ORGANIZATION.

(Salaries provided by Charter or by Ordinance.)

No.		Per Annum
4	Commissioners, each	$1,200
1	Secretary	2,400
1	Chief Engineer	5,000
1	First Assistant Chief Engineer	3,600
1	Second Assistant Chief Engineer	3,000
10	Battalion Chiefs, each	2,700
12	Chiefs' Operators, each	1,500
48	Captains of Engine Companies, each	1,860
48	Lieutenants of Engine Companies, each	1,710
48	Engineers of Engine Companies, each	1,680
48	Drivers of Engine Companies, each	1,440
48	Stokers of Engine Companies, each	1,440
288	Hosemen of Engine Companies, each	1,440
2	Captains of Relief Engine Companies, each	1,860
1	Lieutenant of Relief Engine Company	1,710
3	Hosemen of Relief Engine Companies, each	1,440
13	Captains of Hook-and-Ladder Companies, each	1,860
13	Lieutenants of Hook-and-Ladder Companies, each	1,710
13	Drivers of Hook-and-Ladder Companies, each	1,440
13	Tillermen of Hook-and-Ladder Companies, each	1,440
104	Truckmen of Hook-and-Ladder Companies, each	1,440
12	Captains of Chemical Companies, each	1,860
12	Lieutenants of Chemical Companies, each	1,710
12	Drivers of Chemical Companies, each	1,440
12	Hosemen of Chemical Companies, each	1,440
1	Captain of Water Tower Company No. 1	1,860
1	Lieutenant of Water Tower Company No. 1	1,710
1	Driver Water Tower Company No. 1	1,440
1	Hoseman Water Tower Company No. 1	1,440
2	Captains of Fire Boat Companies, each	1,860
2	Lieutenants of Fire Boat Companies, each	1,710
4	Pilots of Fire Boat Companies, each	2,100
4	Engineers of Fire Boat Companies, each	2,100
6	Marine Firemen of Fire Boat Companies, each	1,200
24	Hosemen of Fire Boat Companies, each	1,440
4	Engineers of Relief Fire Boat Companies, each	2,100
2	Marine Firemen of Relief Fire Boat Companies, each	1,200
1	Superintendent of Engines	2,700
1	Clerk and Commissary	1,800
1	Superintendent of Horses	1,860
1	Veterinarian	1,200
8	Hostlers, each	1,200
3	Horseshoers, each per diem	5.00
10	Machinists, each per diem	4.75
1	General Foreman Corporation Yard	1,800
4	Watchmen, each per annum	1,200
3	Draymen, each per annum	1,200
1	Draughtsman	1,680
4	Blacksmiths, each per diem	4.75
4	Blacksmith Helpers, each per diem	4.00
1	Department Physician	1,800
1	Foreman Woodworker, per diem	5.50

No.		Per Annum
1	Woodworker, per diem	4.75
1	Pattern Maker, per diem	5.25
1	Brassfinisher, per diem	4.75
2	Boilermakers, each per diem	5.00
2	Boilermakers' Helpers, each per diem	3.50
1	Steamfitter, per diem	6.50
1	Foreman Carriage Painter, per diem	5.25
3	Carriage Painters, each per diem	4.75
1	Foreman Harnessmaker, per diem	5.25
2	Harnessmakers, each per diem	4.25
2	Chief Engineers of Pumping Stations, each	2,100
5	Assistant Engineers of Pumping Stations, each	1,800
7	Stationary Firemen of Pumping Stations, each	1,440
1	Superintendent High Pressure Water System	2,400
1	Foreman Gateman High Pressure Water System	1,620
1	Keeper Twin Peaks Reservoir	1,590
5	Gatemen High Pressure Water System, each	1,440
1	Caulker High Pressure Water System, per diem	4.50
3	Laborers High Pressure Water System, each per diem	3.50
6	Hydrantmen, each	1,200
1	Stenographer-Typewriter	1,800
1	Stenographer-Clerk	1,500

Under the provisions of the Charter drivers, stokers, tillermen, hosemen and truckmen receive $1,200 per annum for the first year's service, $1,320 for the second year and $1,440 for the third year and thereafter.

APPROPRIATIONS AND EXPENDITURES.

Appropriation for fiscal year 1916-1917	$1,657,090.00	
Brought forward from fiscal year 1915-1916	80,237.00	$1,737,327.00

EXPENDITURES.

Salaries—			
Corporation Yard	$ 61,747.10		
Distributing System	23,117.45		
Horseshoers	4,895.00		
Office	11,232.15		
Pumping Stations	21,294.85		
Stables	12,660.00		
Uniform Force	1,244,565.55	$1,379,512.10	
Maintenance—			
Apparatus (new)	$ 44,958.29		
Automobiles (distribtg. system)	1,207.29		
Forage	30,301.79		
Fuel	37,196.30		
Furniture	2,405.67		
Garbage Removal	1,716.00		
Harness and Repairs	950.11		
Horseshoeing Material	3,974.78		
Hydrants	6,504.15		
Material	36,375.98		
Office	936.33		
Paint Shop	1,023.89		
Rent	2,487.00		
Stables	535.16		
Supplies	17,124.80		
Water	8,503.60	196,201.14	1,575,713.24
Balance unexpended			$ 161,613.76
Less amount due on uncompleted contracts carried over from year 1917-1918		$148,278.71	
Less amount transferred to the Department of Public Works		1,200.00	149,478.71
Surplus unexpended			$ 12,135.05

Chief Engineer's Report

Headquarters Fire Department,
San Francisco, July 1, 1917.

To the Honorable,
The Board of Fire Commissioners.

Gentlemen:—I respectfully submit my annual report for the fiscal year ending June 30, 1917, showing the present condition of the department and the progress made therein during the past year, together with such recommendations, etc., as in my judgment I deem necessary and proper to further promote the efficiency of the department.

FIRES.

The following is a list of alarms of fire responded to by the department during the past year; also statistics showing the different styles of structures in which the fires originated, the extent of such fires and the method used in extinguishing the same.

STATISTICS OF FIRES.

Fiscal Year 1916-1917.

Month	Alarms						Fires Originating in			Fires Confined to			Fires Extinguished With				
	Total Alarms	False Alarms	First Alarms	Second Alarms	Third Alarms	Accidents	Frame Buildings	Brick, Stone or Iron Buildings	Other than Buildings	Floor of Origin	Building of Origin	Not Confined to Building of Origin	Chemicals (including Extinguisher)	Water, Low Pressure	Water, High Pressure	Otherwise	Total Fires
1916.																	
July	443	32	17	4	1	2	136	31	220	160	2	5	86	143	5	153	387
August	293	26	13	4	1	6	105	22	116	119	4	4	73	92	2	76	243
September	274	22	14	2	....	1	108	17	110	121	2	2	57	85	2	91	235
October	225	29	11	6	4	6	107	24	38	127	....	4	59	31	4	75	169
November	227	37	16	2	1	6	99	25	41	117	4	3	58	43	2	62	165
December	220	30	9	2	1	3	122	24	29	140	2	4	66	24	1	84	175
1917.																	
January	274	39	12	5	1	8	153	29	27	171	6	5	72	40	....	97	209
February	176	28	2	2	....	9	88	33	14	115	2	4	43	22	2	68	135
March	214	31	9	4	2	4	108	23	33	126	1	4	52	32	7	73	164
April	227	35	11	1	....	2	121	18	39	137	....	2	65	39	2	72	178
May	297	37	9	....	....	6	122	30	93	145	6	1	80	79	7	79	245
June	490	39	28	3	2	1	148	22	247	158	4	8	119	146	23	129	417
Total	3360	385	151	35	13	54	1417	298	1007	1636	33	46	830	776	57	1059	2222

APPARATUS.

The following is a list of the apparatus in good condition and in active service in the department at the present time:

Steam Fire Engines (horse drawn)	28
Steam Fire Engines (motor propelled)	9
Gasoline Pumping Engines (motor propelled)	11
Hose Wagons, straight (horse drawn)	29
Hose Wagons, straight (motor propelled)	1
Hose Wagons, combination (horse drawn)	1
Hose Wagons, combination (motor propelled)	11
Chemical Engines, straight (horse drawn)	3
Chemical Engines, straight (motor propelled)	10
Hook-and-Ladder Trucks (horse drawn)	2
Hook-and-Ladder Trucks (motor propelled)	11
Water Tower (horse drawn)	1
Fire Boats	2
Squad Wagons (motor propelled)	1
Hose Tenders (motor propelled)	1
Automobiles	17
Buggies	10
Hose reels (horse drawn)	2
Hydrant Carts (horse drawn)	8

HOSE IN SERVICE.

1 -inch cotton, feet	4,700
1½-inch cotton, feet	32,400
2½-inch cotton, feet	9,160
2¾-inch cotton, feet	112,730
3 -inch cotton, feet	13,096
3½-inch cotton, feet	6,860
1 -inch rubber for chemical apparatus, feet	8,000
¾-inch rubber for chemical apparatus, feet	550
Total Hose in service, feet	187,496

In addition to the above there is also the following apparatus, vehicles, etc., for relief and other purposes in the department:

15 horse drawn steam fire engines.
12 horse drawn straight hose wagons.
1 horse drawn combination wagon.
4 horse drawn hook-and-ladder trucks.
7 horse drawn straight chemical engines.
1 horse drawn water tower.
3 horse drawn monitor batteries.
15 buggies.
3 horse drawn supply wagons.
1 horse drawn coal wagon.
6 horse drawn stable wagons.
1 horse drawn wrecking wagon.
4 horse drawn repair wagons.
7 horse drawn delivery wagons.
1 gasoline pumping engine.
1 motor propelled straight hose wagon.
2 motor propelled combination wagons.

1 motor propelled hook-and-ladder truck.
2 motor propelled four-wheel tractors.
2 motor propelled straight chemical engines.
5 automobiles.
2 motor propelled delivery wagons.

Total number of motor propelled vehicles of all kinds	88
Total number of horse drawn vehicles of all kinds	164
Fire boats	2

There is also on hand in the department the following amounts of reserve fire hose:

1 -inch cotton	350	feet
1½-inch cotton	10,600	"
2½-inch cotton	4,962	"
2¾-inch cotton	10,200	"
3 -inch cotton	2,160	"
3½-inch cotton	190	"
1 -inch rubber for chemical apparatus	800	"
¾-inch rubber for chemical apparatus	100	"
Total reserve hose	29,362	"

During the year the following new motor propelled apparatus, etc., was purchased and delivered to the department:

Seven Chemical engines.
Five 4-wheel tractors.
Two combination hose wagons.
One straight hose wagon.
Seven motor propelled and motor operated gasoline pumping engines.
Six automobiles.
One delivery truck.
4,500 feet of 2¾-inch cotton fire hose.

The following additional apparatus, and hose which was contracted for during the past year has not as yet been delivered to the department:

One motor propelled straight hose wagon.
Four thousand feet of 2¾-inch cotton fire hose.

Total number of motor propelled vehicles in the department June 30, 1917	88
Total number of motor propelled vehicles in the department June 30, 1916	55
Total increase during past year	33

NEW BUILDINGS.

There were no new companies placed in service in the department during the year, but Water Tower Company No. 2 and the three monitor batteries were withdrawn from active service and the members thereof assigned to vacancies in other companies.

NEW BUILDING.

The following new buildings were erected for the department during the year:

Two-story class "C" building on Howard street between New Montgomery and Third streets for Engine Co. No. 4 and Water Tower Co. No. 1.

Two-story class "C" building on Mint avenue near Fifth street for Engine Co. No. 17.

Two-story class "C" building on Pacific avenue between Polk street and Van Ness avenue for Engine Co. No. 8 and Hook-and-Ladder Co. No. 4.

There is also in course of construction a one-story class "C" building at Twenty-fifth and Vermont streets for Engine Co. 37 and Hook-and-Ladder Co. 9.

FIRE HYDRANTS.

During the past year 110 low pressure hydrants were taken out and discontinued and fifty-nine new hydrants installed. Fourteen old-style hydrants were replaced by new 5-inch, making a total of 4,379 hydrants now in service for which a monthly water rental of $2.50 is paid, as against 4,430 hydrants in the previous year.

In addition to the above there are also the following hydrants available for fire protection service: Municipal Water Works hydrants in the Visitacion Valley and University Mound districts, twenty-four; Olympia Salt Water Co., twenty-nine; attached to mains in Golden Gate Park, eight; permanent suction from Golden Gate Park two, making a total of 4,440 hydrants available for fire service irrespective of the high pressure water system hydrants.

In addition to the above hydrants, which, with the exceptions noted, are connected to the mains of the Spring Valley Water Company, there are now 905 hydrants connected to the mains of the high pressure water system, which is municipally maintained and operated. These figures represent an increase of sixteen hydrants over the preceding year, making a total of 5,345 hydrants in all that are available for fire service. The high pressure water system as now installed consists of 385,839 feet or 73.08 miles of pipe ranging in size from 10 to 20 inches in diameter, which is an increase of approximately 4,000 feet over that of the previous year.

DEPARTMENT STABLES.

There are at present 243 horses in the department, which is a decrease in number of sixty-four from what the department possessed at this time last year. This is due to the installation of additional motor apparatus during the year. This number of horses includes five that have been condemned and placed on pasture and twenty horses that have been condemned and waiting to be finally disposed of, as well as those that are used for relief and other purposes. Fifty-seven horses were condemned during the year, of which twelve were sold at public auction and forty-five transferred to other departments of the municipality. Seven horses died during the year of various diseases and one condemned horse died on pasture. 472 cases of sickness and injuries amongst the horses were treated by the Department Veterinarian during the year and with the exception of ten that are now under treatment the horses are all in good health. Seven horses died from various causes during the year.

BUILDING INSPECTION.

During the past year 12,137 inspections of buildings were made from time to time by the officers of the department and wherever violations of the building law, fire ordinances or defects in construction were found to exist the proper steps were taken to have the same remedied. Of the inspections made 361 were of public or private school buildings and 4,436 were of theatres, halls, hospitals, etc. The remaining inspections consisted of hotels, apartment and lodging houses, private residences, factories, stores, etc.

STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF MEN EACH COMPANY FOR THE FISCAL

COMPANY AND KIND OF APPARATUS.	Size of Apparatus	Number of Men in Company	Number of Horses in Company .....
Engine Co. No. 1—Clapp & Jones, double	First	11	5
Engine Co. No. 2—Metropolitan, double	Second	11	5
*Engine Co. No. 3—Seagrave Motor Pumping	First	11	0
*Engine Co. No. 4—Amer. La France Motor Pumping	First	11	0
*Engine Co. No. 5—Amer. La France Motor Pumping	First	11	0
Engine Co. No. 6—American, double	First	11	5
Engine Co. No. 7—Amer. La France, double	Second	11	5
*Engine Co. No. 8—Amer. La France Motor Pumping	First	11	0
Engine Co. No. 9—Amer. La France, double	First	11	5
*Engine Co. No. 10—Ahrens Fox Motor Pumping	First	11	0
Engine Co. No. 11—Clapp & Jones, double	Second	11	5
*Engine Co. No. 12—Amer. La France Motor Pumping	First	11	0
*Engine Co. No. 13—Amer. La France-Cristy Tractor	Second	11	0
Engine Co. No. 14—Clapp & Jones, double	Second	11	5
Engine Co. No. 15—Metropolitan, double	Second	11	5
Engine Co. No. 16—Clapp & Jones, double	Second	11	5
Engine Co. No. 17—American, double	First	11	5
Engine Co. No. 18—Clapp & Jones, double	Third	11	5
Engine Co. No. 19—American, double	Second	11	5
*Engine Co. No. 20—Metropolitan-Cristy Tractor	Second	11	0
*Engine Co. No. 21—Seagrave Motor Pumping	Second	11	0
*Engine Co. No. 22—Metropolitan-Cristy Tractor	Second	11	0
*Engine Co. No. 23—Amer. La France-Cristy Tractor	Third	11	0
*Engine Co. No. 24—Amer. La France Motor Pumping	First	11	0
Engine Co. No. 25—Clapp & Jones, double	Second	11	5
Engine Co. No. 26—Clapp & Jones, double	Second	11	5
*Engine Co. No. 27—Metropolitan-La France Tractor	Second	11	0
*Engine Co. No. 28—Metropolitan-La France Tractor	Second	11	0
Engine Co. No. 29—Metropolitan, double	Second	11	5
Engine Co. No. 30—Amer. La France, double	Fourth	11	5
Engine Co. No. 31—Metropolitan, double	Third	11	5
*Engine Co. No. 32—Amer. La France Motor Pumping	First	11	0
Engine Co. No. 33—Amer. La France, double	Fourth	11	5
Engine Co. No. 34—Continental, double	Second	11	5
Engine Co. No. 35—American, double	First	10	5
Engine Co. No. 36—American, double	Second	11	5
*Engine Co. No. 37—Amer. La France Motor Pumping	First	11	0
*Engine Co. No. 38—Seagrave Motor Pumping	First	11	0
Engine Co. No. 39—American, double	Third	11	5
*Engine Co. No. 40—Amer. La France Motor Pumping	First	11	0
Engine Co. No. 41—Continental, double	Third	11	5
Engine Co. No. 42—Amer. La France, double	Fourth	11	5
Engine Co. No. 43—Amer. La France, double	Third	11	5
Engine Co. No. 44—Amer. La France, double	Third	11	3
Engine Co. No. 45—Amer. La France, double	Fourth	11	5
*Engine Co. No. 46—Metropolitan-La France Tractor	Second	11	0
Engine Co. No. 47—Amer. La France, double	Fourth	11	5
*Engine Co. No. 48—Amer. La France Motor Pumping	First	11	0
*Truck Co. No. 1—A. La France Motor Driven Trac	First	12	0
*Truck Co. No. 2—Seagrave Motor Driven Tractor	First	12	0
*Truck Co. No. 3—Hayes Motor Driven Tractor	First	12	0
*Truck Co. No. 4—A. La France Motor Driven Trac	First	12	0
*Truck Co. No. 5—Rumsey-Amer. La France Tractor	First	12	0
*Truck Co. No. 6—Hopper-Amer. La France Tractor	First	12	0
*Truck Co. No. 7—Seagrave-Amer. La France Tractor	First	12	0
Truck Co. No. 8—Hayes trussed frame	Second	12	3

* Motor propelled apparatus.

AND HORSES, ALARMS RESPONDED TO AND DUTY PERFORMED BY YEAR ENDING JUNE 30, 1917.

HOSE		Number of Bell Alarms Responded to	Number of Fires Performed Duty at	Number of Still Alarms Responded to	Time Worked	
Kind.	Number of Feet and Size.				Hours	Minutes
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	73	33	26	36	8
Cotton	1,550 feet, 2¾ inches; 400 feet, 1½ inches	150	2	21	35	54
Cotton	1,800 feet, 2¾ inches; 400 feet, 1½ inches	110	18	.....	20	33
Cotton	2,500 feet, 2¾ inches; 400 feet, 1½ inches	170	43	20	35	57
Cotton	2,100 feet, 2¾ inches; 500 feet, 1½ inches	98	15	3	20	50
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	114	77	45	61	30
Cotton	1,550 feet, 2¾ inches; 400 feet, 1½ inches	131	24	.....	22	7
Cotton	1,800 feet, 2¾ inches; 400 feet, 1½ inches	113	22	30	27	.....
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	77	71	51	55	53
Cotton	2,050 feet, 2¾ inches; 400 feet, 1½ inches	164	46	19	36	8
Cotton	1,800 feet, 2¾ inches; 450 feet, 1½ inches	38	32	15	32	26
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	82	36	45	18	15
Cotton	2,050 feet, 2¾ inches; 550 feet, 1½ inches	113	36	20	27	15
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	149	33	34	44	45
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	95	29	31	29	48
Cotton	1,600 feet, 2¾ inches; 400 feet, 1½ inches	64	56	27	60	25
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	162	69	49	48	25
Cotton	1,600 feet, 2¾ inches; 400 feet, 1½ inches	100	17	14	16	10
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	141	46	22	47	5
Cotton	2,000 feet, 2¾ inches; 800 feet, 1½ inches	40	40	42	34	23
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	130	30	39	28	3
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	47	19	18	13	55
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	106	57	37	34	.....
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	49	21	24	16	45
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	119	11	.....	16	35
Cotton	1,700 feet, 2¾ inches; 400 feet, 1½ inches	83	25	23	20	35
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	140	56	38	40	10
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	72	36	20	28	5
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	125	42	16	35	25
Cotton	1,700 feet, 2¾ inches; 400 feet, 1½ inches	77	7	14	6	10
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	47	12	13	25	6
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	93	30	23	34	40
Cotton	1,800 feet, 2¾ inches; 400 feet, 1½ inches	24	23	12	23	35
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	138	26	20	32	23
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	103	49	28	69	25
Cotton	1,700 feet, 2¾ inches; 400 feet, 1½ inches	58	12	9	12	.....
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	73	25	15	24	52
Cotton	2,000 feet, 2¾ inches; 800 feet, 1½ inches	74	47	29	46	58
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	147	46	21	39	15
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	59	18	19	11	45
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	77	21	37	21	30
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	45	23	16	23	35
Cotton	2,050 feet, 2¾ inches; 400 feet, 1½ inches	53	14	14	12	55
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	47	13	7	9	.....
Cotton	2,000 feet, 2½ inches; 400 feet, 1½ inches	11	10	12	8	35
Cotton	2,000 feet, 2½ inches; 400 feet, 1½ inches	107	12	1	13	35
Cotton	2,000 feet, 2½ inches; 400 feet, 1½ inches	13	9	7	6	15
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	50	27	15	22	38
.....	.....	192	79	18	64	20
.....	.....	104	56	15	60	45
.....	.....	160	120	120	81	56
.....	.....	92	61	22	47	25
.....	.....	123	122	40	93	28
.....	.....	134	100	40	65	11
.....	.....	152	75	8	60	45
.....	.....	135	90	28	105	18

STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF MEN EACH COMPANY FOR THE FISCAL

COMPANY AND KIND OF APPARATUS.	Size of Apparatus	Number of Men in Company	Number of Horses in Company
Truck Co. No. 9—Hopper straight frame	Second	12	3
*Truck Co. No. 10—Hopper-Schnerr Tractor	First	12	0
*Truck Co. No. 11—Larkin-Schnerr Tractor	Third	12	0
*Truck Co. No. 12—Kenney-Amer. La France Tractor	First	12	0
*Truck Co. No. 13—La France-Schnerr Tractor	First	12	0
*Chem. Co. No. 1—Amer. La France double 100 gal.	First	4	0
*Chem. Co. No. 2—Amer. La France double 80 gal.	First	4	0
*Chem. Co. No. 3—Amer. La France double 80 gal.	First	4	0
*Chem. Co. No. 4—Amer. La France double 100 gal.	First	4	0
*Chem. Co. No. 5—Amer. La France double 80 gal.	First	4	0
*Chem. Co. No. 6—Pope-Hartford double 80 gal.	First	4	0
*Chem. Co. No. 8—American La France Comb. Chem. and Hose Wagon	First	4	0
Chem. Co. No. 9—Amer. La France double 60 gal.	First	4	2
Chem. Co. No. 10—Champion double 60 gal.	First	4	2
*Chem. Co. No. 11—Amer. La France double 100 gal.	First	4	0
*Chem. Co. No. 12—Amer. La France double 100 gal.	First	4	0
*Chem. Co. No. 13—Amer. La France double 100 gal.	First	4	0
Water Tower 1—Gorter Tower	First	4	3
Fire Boat 1—With Auto Hose Tender	First	21	0
Fire Boat 2—With Comb. Chemical	First	21	3
Fire Boat 3—		4	...
Fire Boat 4—		2	...

* Motor propelled apparatus.

AND HORSES, ALARMS RESPONDED TO AND DUTY PERFORMED BY YEAR ENDING JUNE 30, 1917.—Continued.

HOSE		Number of Bell Alarms Responded to	Number of Fires Performed Duty at	Number of Still Alarms Responded to	Time Worked	
Kind.	Number of Feet and Size.				Hours	Minutes
		96	59	8	66	40
		105	60	17	51	40
		138	55	17	44	59
		84	56	31	41	50
		111	72	25	46	44
Cotton	200 feet, 1½ inches; rubber, 600 feet, 1 inch	161	107	88	88	35
Cotton	100 feet, 1½ inches; rubber, 300 feet, 1 inch	127	108	44	54	25
Cotton	rubber, 300 feet, 1 inch	113	112	45	68	35
Cotton	100 feet, 1½ inches; rubber, 300 feet, 1 inch	121	145	126	79	9
Cotton	rubber, 300 feet, 1 inch	84	54	21	39	39
Cotton	rubber, 293 feet, 1 inch	81	89	99	58	47
Cotton	2,000 feet, 2¾ inches; rubber, 300 feet, 1 inch	28	17	10	16	15
Cotton	rubber, 600 feet, 1 inch	90	67	65	38	55
Cotton	rubber, 300 feet, 1 inch	37	17	19	18	20
Cotton	rubber, 300 feet, 1 inch	133	81	58	49	35
Cotton	rubber, 600 feet, 1 inch	20	18	16	12	40
	rubber, 300 feet, 1 inch	82	70	45	37	30
		201	0	0	0	0
	3,750 feet, 3½ inches; 4,550 feet, 3 inches	51	14	11	39	25
	1,100 feet, 1½ inches					
	2,950 feet, 3½ inches; 5,450 feet, 3 inches					
	950 feet, 1½ inches	46	15	22	77	25

APPOINTMENTS, DISMISSALS, ETC.

During the year twenty-three appointments were made from the civil service eligible list to the uniform force of the department, four resignations of members accepted and eight dismissals from the service for cause. There were also four promotions made to higher rank in the department.

DEATHS.

The following is a list of deaths that have occurred amongst the members of the department during the past year:

Henry D. Rice, Foreman Hydrantman, July 26, 1916, of cancer.

Eugene Crummey, Truckman Truck Co. 12, August 15, 1916, of cancer.

Edward King, Hoseman Engine Co. 31, January 16, 1917, of septic meningitis and mastoridis.

John E. Owens, Lieutenant Chemical Co. 10, January 19, 1917, of bronchitis.

Joseph P. Ryan, Hoseman Engine Co. 21, Febrauary 4, 1917, skull fractured in performance of duty.

Christopher J. Ryan, Hoseman Fire Boat Co. 2, March 28, 1917, heart disease.

Frank T. Keenan, Engineer Engine Co. 6, Mayy 1, 1917, of heart disease.

Joseph P. Cassidy, Hoseman Engine Co. 38, June 28, 1917, of myocarditis and acute cardiac dilation.

RETIRED ON PENSION.

The following members of the department were retired from active service during the year:

William Crawhall, Hoseman Engine Co. 18, July 1, 1916, full time of service.

Maurice Cunningham, Truckman Truck Co. 9, July 1, 1916, physical disability.

Louis H. Richards, Hoseman Engine Co. 41, October 6, 1916, full time of service.

John P. Hayden, Driver Truck Co. 6, October 6, 1916, full time of service.

Bartlett F. Jones, Hoseman Engine Co. 26, October 6, 1916, full time of service.

Charles Smith, Captain Engine Co. 11, October 6, 1916 (to take effect July 1, 1917), full time of service.

Phillip Brady, Hydrantman, January 15, 1917, Full time of service.

John Kilkenny, Hoseman Engine Co. 23, January 15, 1917, physical disability.

Daniel E. Boehm, Hoseman Engine Co. 3, January 15, 1917, physical disability.

John Doherty, Captain Engine Co. 40, January 15, 1917 (to take effect May 1, 1917), full time of service.

Joseph E. Finn, Engineer Engine Co. 22, January 15, 1917, full time of service.

Thomas McGovern, Driver Chemical Co. 4, January 25, 1917, full time of service.

Joseph H. Burnett, Hoseman Engine Co. 47, March 1, 1917, full time of service.

Andrew Kennedy, Fireman Relief Fire Boat Co. 3, February 1, 1917, physical disability.

Thomas Timmons, Truckman Truck Co. 10, April 1, 1917, full time of service.

RECOMMENDATIONS.

NEW SITES

I would recommend that new building sites be purchased at the following locations:

Lot in the vicinity of Eighteenth and Eureka streets.

Lot in the vicinity of the west portal of the Twin Peaks Tunnel.

Lot adjoining Engine Co. 16 on Tennessee street between Twentieth and Twenty-second streets.

NEW BUILDINGS.

I would also recommend the erection of new buildings as follows:

Two-story class "C" building for Engine Co. 9 on Main street.

Two-story class "C" building for Engine Co. 35 and Truck Co. 8 together with Battalion Chief headquarters on Bluxome street.

Two-story class "C" building for Engine Co. 47 on Forty-second avenue.

Building for Truck Co. 3, Chemical Co. 4 and Battalion Chief's headquarters on Civic Center site.

Two-story class "C" building for Truck Co. 5 and Chemical Co. 2 on Post street near Fillmore.

Two-story class "C" building for Engine Co. 16, a new truck company and Battalion Chief's headquarters on Tennessee street between Twentieth and Twenty-second.

NEW COMPANY.

I recommend the establishment of a new truck company for the Potrero district to be quartered with Engine Co. 16.

NEW APPARATUS.

I also recommend the purchase of the following motor propelled apparatus for the department:

Fifteen gasoline pumping engines.

Five combination chemical engines and hose wagons.

Two straight hose wagons with monitor nozzles mounted thereon.

Two tractors for relief purposes.

Five runabouts for Battalion Chiefs.

One three-ton truck for wrecking crew.

NEW HOSE.

I further recommend the purchase of the following amounts and sizes of new fire hose:

20,000 feet of 2¾-inch cotton.
5,000 feet of 3 -inch cotton.
3,300 feet of 3½-inch cotton.

COMPANIES TO BE MOTORIZED.

I would recommend that the apparatus of the following companies be changed from horse drawn to motor propelled as soon as possible:

Engine Companies Nos. 1, 2, 14, 15, 16, 17, 18, 29, 30, 31, 34, 35, 41, 42 and 45.

Hook-and-Ladder Companies 8 and 9 and Water Tower Co. 1.

In this connection I would further recommend that straight hose wagons, with monitor nozzles, be attached to Engine Companies 2, 14, 16, 29 and 35, and that combination chemicals and hose wagons be attached to Engine Companies 11, 31, 33, 39 and 43.

GAS GENERATORS.

I would also recommend the construction of gas generators for use in the extinguishing of fires that may occur in the holds of vessels.

REDUCING VALVES.

I renew my recommendation of last year for the purchase of twenty-five reducing valves for use in connection with the high pressure water system.

EXTENSION OF HIGH PRESSURE SYSTEM.

I recommend that the following extensions be made to the high pressure water system, the pipe for the same being now on hand:

Proposition No. 1:

12-inch pipe in Laguna street from Market to Pacific avenue.
10-inch pipe in Haight street from Market to Fillmore.
10-inch pipe in Hayes street from Van Ness avenue to Fillmore.
10-inch pipe in Suter street from Van Ness avenue to Fillmore.

Proposition No. 2:

12-inch pipe in Pacific avenue from Divisadero ot Lyon.
12-inch pipe in Lyon street from Pacific avenue to Clay.
12-inch pipe in Clay street from Lyon to Arguello boulevard.
12-inch pipe in Arguello boulevard from Clay to California.
12-inch pipe in California street from Arguello Boulevard to 4th avenue.
10-inch pipe in California street from Fourth to Twelfth avenue.
10-inch pipe in Twelfth avenue from California to Balboa.
10-inch pipe in Balboa street from Twelfth to Fourth avenue.
10-inch pipe in Fourth avenue from Balboa to California street.
12-inch pipe in Balboa from Fourth avenue to Arguello boulevard.
12-inch pipe in Arguello boulevard from Balboa to Turk street.
12-inch pipe in Turk street from Arguello boulevard to Willard.
12-inch pipe in Willard street from Turk to McAllister street.
12-inch pipe in McAllister street from Willard to Parsons.
12-inch pipe in Parsons street from McAllister to Fulton.
12-inch pipe in Fulton street from Parsons to Shrader.
12-inch pipe in Shrader street from Fulton to Grove.
12-inch pipe in Grove street from Shrader to Baker.
12-inch pipe in Baker street from Grove to Fulton.
12-inch pipe in Fulton street from Baker to Divisadero.
12-inch pipe in Haight street from Clayton to Shrader.
12-inch pipe in Shrader street from Haight to Grove.

Proposition No. 3:

12-inch pipe in Union street from Polk to Baker.
10-inch pipe in Laguna street from Pacific to Union.
10-inch pipe in Baker street from Pacific to Union.

Proposition No. 4:

12-inch pipe in Second street from Townsend to Channel.
12-inch pipe in Townsend street from Second to the Embarcadero.
12inch-pipe in Beale street from Bryant to the Embarcadero.
12-inch pipe in Bryant street from Beale to the Embarcadero.

Proposition No. 5:

10-inch pipe in Leavenworth street from Broadway to Union.
10-inch pipe in Union street from Leavenworth to Hyde.
10-inch pipe in Hyde street from Union to Bay street.

Proposition No. 6:

10-inch pipe in Beach street from Van Ness avenue to Columbus avenue.
10-inch pipe in Columbus avenue from Beach to Leavenworth.
10-inch pipe in Leavenworth street from Columbus avenue to Bay street.

Proposition No. 7:

10-inch pipe in Clay street from Van Ness avenue to Jones.

Proposition No. 8:

10-inch pipe in Ellis street from Market to Taylor.

Proposition No. 9:

12-inch pipe in Sixteenth street from Folsom to Kansas.
12-inch pipe in Kansas street from Sixteenth to Seventeenth street.
12-inch pipe in Seventeenth street from Kansas to Mississippi.
12-inch pipe in Mississippi street from Seventeenth to Mariposa.
14-inch pipe in Mariposa street from Mississippi to Third street.
16 and 18-inch pipe in Third street from Mariposa to 22nd street.
10-inch pipe in Kansas street from Fifteenth to Sixteenth street.

Proposition No. 10:

10-inch pipe in Diamond street from Seventeenth to Nineteenth.
10-inch pipe in Nineteenth street from Diamond to Castro.
10-inch pipe in Castro street from Nineteenth to Twenty-fourth.
10-inch pipe in Twenty-fourth street from Castro to Church.
10-inch pipe in Church street from Twenty-second to Twenty-sixth.
10-inch pipe in Twenty-second street from Church to Dolores.

Proposition No. 11:

8-inch pipe in Terrace from Seventeenth to Clifford street.

EXTENSION TO MUNICIPAL WATER PLANT.

I would recommend the following extensions to the Municipal Water plant in Visitacion Valley, the 8-inch pipe to be used for the same to be supplied from the stock of such pipe belonging to the high pressure system now stored at the pipe yard:

Eight-inch pipe in Leland avenue from the pumping plant to San Bruno ave.
Eight-inch pipe in San Bruno avenue from Leland to Railroad avenue.
Eight-inch pipe in Railroad avenue from San Bruno to Key avenue.
Eight-inch pipe in Key avenue from Railroad avenue to Jennings street.
Eight-inch pipe in Jennings street from Key to Hollister avenue.
Eight-inch pipe in Hollister avenue from Jennings to Griffiths street.

STREET WATER CISTERNS.

I recommend the installation of at least fifty additional street water cisterns for fire protection purposes, to be located in such sections of the city as are not now covered by the mains of the Spring Valley Water Company or the high pressure water system.

In this connection I would advocate the conversion of the excavation in Howard street at its intersection with Tenth street, which was formerly used by the street railroad company, into a cistern of 800,000 to 900,000 gallons capacity. This would be accomplished at a comparatively small expense.

EXTENSIONS AND NEW RESERVOIRS IN THE OUTLYING DISTRICTS.

In order to afford additional water for fire protection purposes in outlying districts that are practically without much protection at present, I again renew my recommendation in this respect as follows:

That in the Oceanside district, south of Golden Gate Park, a connection be made with the pipe system from the pumps supplying Lake Metson in said Park by running a 12-inch main from the same through the Park to connect to the cistern installed at Forty-seventh avenue and Judah street, and thence running through interesecting streets to Forty-ninth avenue and Pacheco street. By this means the cistern could be more rapidly filled when required. Hydrants could be connected to this main at desirable points, which, after their installation, could be maintained without additional cost to the city.

For the protection of that portion of the Sunset and Richmond districts which are now lacking in water supply I would recommend that a reservoir of 5,000,000 gallons capacity be constructed at a suitable elevation in the Sunset District to supply the higher levels in that and the Richmond District and that suitable mains be laid to cover that entire district and crossing the Park into the Richmond District. The water to supply this area could be piped from the Clarendon Heights reservoir. If this were accomplished the serious problem of providing sufficient water for fire protection purposes in that portion of the city would be overcome, as the entire Sunset and a portion of the Richmond District would have an ample water supply sufficient for all purposes.

I would also suggest that a 12-inch pipe connection be made with the reservoir in Golden Gate Park at Grove and Stanyan streets and that hydrants be connected thereto at Stanyan and Fulton streets, as the Spring Valley Company's pressure is very low in that particular location.

In the district west of Thirty-second avenue and along Geary street I would recommend that a reservoir of 3,000,000 gallons capacity be constructed in Lincoln Park, to be supplied from the ten-inch main which the Park Commission has installed in Thirty-ninth avenue from Golden Gate Park to Lincoln Park. The water to supply this reservoir could be obtained from the Murphy windmill in Golden Gate Park. If this arrangement could be carried out a salt water supply could be obtained by the city running a main from the Olympic Salt Water Company's main in Geary street to the reservoir and having the water pumped thereto. Mains from the reservoir could be extended along Lake and Clement streets, thus insuring a sufficient supply and adequate pressure of water for fire protection purposes in the west Richmond District. Hydrants could be installed at available points along the lines of these mains.

I would also recommend that pipe connections be made to the large water tank in the Mission Park at Nineteenth and Angelica streets, which would make this great amount of water available for fire protection in case of necessity.

EXTENSIONS TO THE FIRE LIMITS.

I recommend that the present fire limits of the City and County be extended so as to embrace the following boundaries: From Powell and Sacramento streets

along Sacramento to Jones street, thence along Jones street to California street, thence along California street to a point midway between Van Ness avenue and Franklin street; thence southerly and parallel with Van Ness avenue to Golden Gate avenue; thence westerly along Golden Gate avenue to Franklin street; thence along Franklin street to Fell street.

Also that new fire limit districts be created so as to embrace the business districts of Fillmore street and the business district of Mission street a far south as Twenty-fourth street.

FIRE PROOF ROOFING LIMITS.

I would also recommend that the boundaries of the fire proof roofing limits be extended so as to embrace the district bounded as follows: Lyon street from the Bay to the southern boundaries of the Presidio; thence along the Presidio wall to Fourth avenue; thence along Fourth avenue to Fulton street; thence along Fulton street to Stanyan street; thence along Stanyan street to Seventeenth street; thence along Seventeenth street to Douglas street to Army street; thence along Army street to the Bay.

FIRE ALARM BOXES.

I again renew my recommendation for the installation of at least five hundred additional fire alarm boxes of the keyless door type in different parts of the city and also that the Department of Electricity take steps as soon as possible to place its entire wire system underground. This would insure greater safety to the system and less danger of wire trouble to the lines.

STREET CROSSING SIGNALS.

I recommend the extension of the district in which is operated the street signal gong system warning traffic to cease upon the approach of fire apparatus while responding to alarms of fire. This system is now in successful operation on Market street from Second to Sixth street, and I favor the extension of the same from First to Ninth on Market street, also on Montgomery and Kearny streets from Market to California, Grant avenue from Market to Bush, Stockton street from Market to Post, Powell street from Market to Post and on First, Second, Third, Fourth, Fifth and Sixth streets from Market to Howard.

ELECTROLYSIS OF HIGH PRESSURE MAINS.

I again call attention ot the urgent necessity of provisions being made to prevent the water mains of this system from being endangered by reason of electrolytic conditions which may exist in different portions of the city where said mains are laid. A thorough inspection should be made with a view to ascertaining to what extent said mains have been affected by reason thereof. It is my opinion that if something is not done in this matter it will eventually result in serious damage, not alone to the pipe lines but to the streets and possibly to private property through the flooding of basements in the mercantile districts, where such a condition is most likely to occur. This condition has been found to exist in the pipes of the Union Hollywood Water Co. of Los Angeles County, due to escaping currents from the electric railway companies. I would therefore recommend that steps be taken to have an appropriation made for the purpose of conducting an investigation of the high pressure mains for the possible existence of electrolytic conditions. It is my understanding that the local public service companies recognize the importance of taking steps to prevent electrolysis and maintain departments for carrying on investigations continuously.

FIRE PREVENTION BUREAU.

I again urge the necessity of establishing a Bureau of Fire Prevention in connection with the department. The objects of this Bureau would be to minimize as much as possible the causes and conditions that are chiefly responsible for the occurrence of fires and the safeguarding of the inmates of buildings, etc., by seeing that all fire ordinances and ordinances pertaining to fire escapes, exits, etc., are strictly observed. This Bureau should be under the immediate supervision of one of the officers of the department, to whom all reports of violations of the fire ordinances should be referred for proper action. To properly carry out the work of this Bureau will necessitate the inspection of all buildings in their respective districts by the Assistant Chiefs, Battalion Chiefs and Captains and Lieutenants of companies. Diagrams or drawing should be made of all large mercantile and manufacturing establishments, showing the location of all exits fire escapes, stairways, elevator shafts, hose reels, stand pipes, etc.

In order to make such a bureau effective and to obtain satisfactory results it will be necessary that an Ordinance be enacted giving it the power to condemn buildings which constitute a fire menace and to compel the abatement of dangerous conditions that may exist. In connection with this matter I wish to call attention to the Globe Hotel and Metropolitan Lodging House fires, where lives were lost, where extremely hazardous conditions existed, due to the lack of proper fire prevention measures. If such a bureau had been in existence, with the necessary jurisdiction such conditions would not have prevailed and the loss of many lives probably averted.

Bureaus of a similar nature have been in operation for some time in many of the larger eastern cities and from reports received have proved valuable adjuncts to the fire departments thereof. I therefore earnestly recommend that immediate steps be taken for the organization of such a bureau in this department and the enactment of proper ordinances governing the same as I feel confident that better conditions from a fire prevention point of view will result therefrom.

PRECAUTIONARY WAR MEASURES.

Extra precautionary measures by reason of the war now pending in safeguarding government property and close co-operation with the Federal authorities in this matter should be observed by the department and better fire protection, by the installation of a new truck company in the immediate vicinity of the Union Iron Works, which is now engaged in government work should be effected as soon as possible.

CONCLUSION.

In conclusion I desire to extend my sincere thanks to your Honorable Board for the active and untiring interest always manifested by you in matters pertaining to the efficiency and advancement of the department, and I also desire to express my thanks and appreciation to the officers and members of the department for the commendable manner in which they have performed their required duties during the past year.

To his Honor, the Mayor, the heads of the different departments of the municipality, the Chief of Police and the members of his force, Fire Marshal Towe and Superintendent Comstock of the Underwriters Fire Patrol, Chief Kempston of the Department of Electricity I also desire to extend thanks in appreciation of the valuable assistance they have rendered this department whenever the opportunity presented itself.

Respectfully submitted,

THOS. R. HURPHY,
Chief Engineer, S. F. F. D.

Report of the Board of Fire Pension Fund Commissioners

San Francisco, July 15, 1917.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco, California.

Sir:—In compliance with the provisions of Article XVI, Section IX, of the Charter of the City and County of San Francisco, the Board of Fire Pension Fund Commissioners herewith present and submit their report for the fiscal year ending June 30th, 1917.

ORGANIZATION.

The Board of Fire Pension Fund Commissioners as now constituted consists of four members and a secretary, namely:

JOHN T. FOGARTY	Term expires January 8th, 1918
TILLMAN R. HERRING	Term expires January 8th, 1919
JOHN F. DAVIS	Term expires January 8th, 1920
FRANK C. SYKES	Term expires January 8th, 1921
H. L. KEEFE	Secretary

During the year the following members of the Fire Department were retired on pension under the provisions of Article 9, Chapter 7, Section 3 of the Charter:

L. H. Richards, Hoseman, Engine Company No. 41. Pensioned October 6th, effective October 15th, 1916.

John P. Hayden, Driver, Truck Company No. 8. Pensioned October 6th, effective November 1, 1916.

Bartlett F. Jones, Hoseman, Engine Company No. 26. Pensioned October 6th, effective January 1, 1917.

John Doherty, Captain, Engine Company No. 40. Pensioned January 8th, effective May 1st, 1917.

Joseph E. Finn, Engineer, Engine Company No. 22. Pensioned January 8th, effective February 1, 1917.

Philip Brady, Hydrantman. Pensioned January 8th, effective January 16, 1917.

Charles Smith, Captain, Engine Company No. 11. Pensioned January 15th, effective July 1, 1917.

Thomas McGovern, Driver, Chemical Company No. 4. Pensioned January 25th, effective February 1, 1917.

Thomas Timmons, Truckman, Hook and Ladder Company No. 10. Pensioned March 19th, effective April 1, 1917.

During the year the following named members of the Fire Department were pensioned for disability, under the provisions of Article 9, Chapter 7, Section 4 of the Charter, namely:

John Kilkenny, Stoker, Engine Company No. 36. Pensioned January 8th, effective January 9th, 1917.

Daniel L. Boehm, Hoseman, Engine Company No. 3. Pensioned January 8th, effective January 16th, 1917.

Joseph Burnett, Hoseman, Engine Company No. 47. Pensioned February 1st, effective March 1st, 1917.

Andrew Kennedy, Marine Fireman, Fire Boat No. 1. Pensioned February 1st, effective February 1st, 1917.

During the year the following were pensioned under the provisions of Article 9, Chapter 7, Section 5 of the Charter, viz.:

Mary Ryan, guardian of the person and estate of Alice Ryan, minor child of Joseph Ryan, deceased, formerly Hoseman of Engine Company No. 21, killed in the discharge of duty. Pensioned April 2d, effective from March 2d, 1917, date of death of said Joseph Ryan.

LIST OF PENSIONERS JULY 1st, 1916, TO JUNE 30th, 1917.

NAME.	Pension Effective.	Amount per Quarter.
Bell, Charles	February 14, 1892	$135.00
O'Neil, John	April 23, 1892	135.00
Fleming, P. H.	October 29, 1892	210.00
Robinet, H. J.	July 28, 1894	135.00
O'Sullivan, Edward	September 14, 1899	135.00
Murphy, John J.	November 9, 1899	210.00
Desmond, Felix	November 16, 1899	135.00
Sweeny, Mrs. Jennie	July 1, 1900	120.00
Crummy, John T.	November 1, 1900	120.00
Wolf, Joseph	January 10, 1901	120.00
McGibbon, James A.	March 6, 1903	150.00
Mahoney, John J.	June 1, 1902	180.00
Nagle, Mrs. Eliza J.	September 1, 1902	150.00
Heffernan, Mrs. Marion	October 1, 1902	150.00
Cumisky, James	November 1, 1902	150.00
Browne, Robert T.	April 1, 1903	180.00
Bearwald, Mrs. Ray	June 1, 1903	150.00
Holmes, Mrs. Mary	December 1, 1903	180.00
Sawyer, Robert H.	June 1, 1904	180.00
Harrington, Mrs. Emma	October 1, 1904	150.00
Dougherty, Mrs. Sarah	October 1, 1904	168.75
Allen, John	January 1, 1906	150.00
Ewing, George	January 1, 1906	180.00
Sullivan, Mrs. Jennie	February 1, 1906	150.00
Dakin, Mrs. Francis	February 1, 1906	180.00
Hennessy, Mrs. Nellie	February 1, 1906	150.00
Kenny, John	April 30, 1906	180.00
O'Neil, Mrs. Mary	May 11, 1906	135.00
Sullivan, Mrs. Margaret	May 18, 1906	499.95
Smith, Mrs. Nora	September 7, 1906	135.00
Lennon, Edward P.	November 1, 1906	150.00
Woods, Gabriel	December 1, 1906	150.00
Harrison, David J.	January 1, 1907	180.00
Stevens, Joseph	January 16, 1907	150.00
Boyson, George M.	March 1, 1907	150.00
O'Brien, Maurice J.	July 1, 1907	150.00
Fernandez, T. M.	July 1, 1907	262.50
Canty, Thomas	July 1, 1908	232.50
Wells, George F.	July 16, 1908	180.00
Franks, Mrs. Nellie	August 1, 1908	150.00
Balk, Stephen S.	November 1, 1908	180.00
Kelly, William E.	December 1, 1908	232.50
Donnelly, Bernard	January 1, 1909	180.00
Lyons, Mrs. Teresa	March 5, 1909	180.00
Schmidt, Henry	April 16, 1909	232.50
Garety, Mary I.*	July 1, 1909	180.00
Ford, John J.	July 1, 1909	180.00
Cuneo, Rinaldo	July 1, 1909	180.00
Waters, William D.	January 16, 1910	337.50
Shaughnessy, Patrick H.	March 16, 1910	625.00
McKittrick, Edward F.	March 16, 1910	337.50
Riley, Mrs. Maria	June 4, 1909	150.00
McCarthy, Mrs. Mary	March 16, 1910	180.00
Roberts, Mrs. Helena M.	April 2, 1910	180.00
Mitchell, John	July 1, 1910	180.00
Florance, Alfred	July 1, 1910	180.00
Banker, August	July 1, 1910	180.00
Horn, Henry F.	July 1, 1910	337.50
Reimers, J.	July 1, 1910	180.00
Hayden, Mrs. Sarah	July 1, 1910	180.00
Smith, Charles F.	July 1, 1910	180.00
Gorter, Henry H.	August 1, 1910	337.50
Wright, Mrs. Anna	April 4, 1910	180.00
Dougherty, Mrs. Gabrielle	May 1, 1911	150.00
Connell, Cornelius	August 1, 1911	180.00
Casebolt, William S.	July 16, 1911	210.00

* Garety, Mary I., Guardian for Johnson Minors.

LIST OF PENSIONERS JULY 1st, 1916, TO JUNE 30th, 1917.—Continued

NAME.	Pension Effective.	Amount per Quarter.
Buckley, Mrs. Anna	June 1, 1911	180.00
Wilkinson, Mrs. Hannah	March 1, 1912	135.00
Henrikson, Albert	March 1, 1912	180.00
Ahearn, Mrs. Teresa	March 18, 1912	180.00
Pendergast, John	April 2, 1912	213.75
Barbetta, Nicholas	May 1, 1912	180.00
Miskel, Mrs. Minnie	June 26, 1912	232.50
Raffestin, Mrs. Jessie	January 6, 1912	180.00
McCluskey, John	July 1, 1912	337.50
Farley, Mrs. Annie	September 1, 1912	337.50
Sawyer, Joseph	July 1, 1912	150.00
Currier, Ben F.	July 1, 1912	180.00
Dolan, M. J.	August 1, 1912	450.00
Rapp, Mrs. G.	August 23, 1912	150.00
Roebling, Wm. A.	November 1. 1912	180.00
Brown, Matthew	November 1. 1912	180.00
Thompson, Jos. F.	December 1, 1912	165.00
Ballantine, Lawrence	January 1, 1913	180.00
Wonderlich, Wm.	January 1, 1913	180.00
Hewitt, Chas.	January 18. 1913	210.00
McDonald, George	July 1, 1913	180.00
Wills, John	July 1, 1913	337.50
Arata, Guiseppe and Rosa (Parents of John Arata)	July 1, 1913	180.00
Castillo, Leo M.	August 1, 1913	180.00
Barricks, Louis H.	August 1, 1913	210.00
O'Brien, Michael	November 1, 1913	337.50
Murphy, Edward J.	November 1, 1913	180.00
Kennard, Samuel E.	January 1, 1914	232.50
Tyrrell, Jas. J.	January 1, 1914	180.00
Gerlach, Frederick C.	January 1, 1914	180.00
Girot, Mrs. Margaret	February 1, 1914	180.00
Jordan, Frank	February 1, 1914	180.00
Dever, J. H.	March 1, 1914	232.50
Rogers, Chas. E.	May 1, 1914	180.00
Meacham, Mrs. L. V.	July 1, 1914	213.75
Niefer, Mrs. Teresa C.	July 6, 1914	180.00
Allen, R. J.	August 1, 1914	213.75
O'Connor, Eugene	August 1, 1914	232.50
Dugan, P. F.	September 4, 1914	232.50
Conniff, James	September 18, 1914	232.50
O'Neil, Mrs. Margaret	October 1, 1914	232.50
O'Connell, Mrs. Mary E.	October 1, 1914	210.00
Carew, Mrs. Sarah	October 1, 1914	232.50
Conroy, Mrs. Delia	February 1, 1915	232.50
Brownell, Claude	May 1, 1915	213.75
Ellenberger, Mrs. Addie	July 6, 1915	232.50
Buker, John	July 6, 1915	180.00
Neil, Charles	July 6, 1915	180.00
Gouvi, Emile	July 13, 1915	180.00
Riordan, D. J.	July 13, 1915	180.00
King, Mrs. William	August 3, 1915	150.00
Morse, Joseph	August 3, 1915	180.00
Casey, Henry H.	August 3, 1915	180.00
Hart, Wm. J.	August 3, 1915	180.00
Schultz, Wm. J.	September 29, 1915	232.50
Koopman, James	October 5, 1915	180.00
Titus, Mrs. Henrietta †	October 11, 1915	180.00
Mulcahy, Mrs. Julia	November 11, 1915	180.00
Walsh, Thomas R.	November 11, 1915	180.00
Matthewson, N. N.	November 11, 1915	213.75
Finnigan, John T.	November 11, 1915	180.00
Hughes, P. D.	November 26, 1915	210.00

† Titus, Mrs: Henrietta. M. J. White, Trustee in charge of the distribution of this pension.

LIST OF PENSIONERS JULY 1st, 1916, TO JUNE 30th, 1917.—Continued

NAME.	Pension Effective.	Amount per Quarter.
Coughlin, D. J.	December 16, 1915	180.00
McDermott, Edward	April 3, 1916	180.00
Gallatin, Wills E.	April 13, 1916	232.50
Coogan, Thomas J.	May 11, 1916	210.00
O'Donnell, John T.	May 11, 1916	180.00
Magher, Mrs. Mary	May 11, 1916	232.50
Shackleton, William	June 1, 1916	180.00
Corwell, Mrs. Helen E.	June 29, 1916	180.00
Britt, James P.	June 8, 1916	337.50
Powers, Hugh P.	June 8, 1916	232.50
Jones, Mrs. Nellie	June 8, 1916	180.00
Richards, L. H.‡	October 15, 1916	180.00
Hayden, John P.	November 1, 1916	180.00
Kilkenny, John	January 9, 1917	180.00
Boehm, Daniel L.	January 16, 1917	180.00
Brady, Philip	January 16, 1917	150.00
Finn, Joseph	February 1, 1917	210.00
Doherty, John	May 1, 1917	232.50
McGovern, Thomas	February 1, 1917	180.00
Burnett, Joseph	March 1, 1917	180.00
Kennedy, Andrew	February 1, 1917	150.00
Timmons, Thomas	April 1, 1917	180.00
Ryan, Mrs. Mary§	March 2, 1917	180.00
Cavanagh, James (back pension)x	March 19, 1917	570.00
Smith, Charles	July 1, 1917	232.50

‡ Richards, L. H. Died February 27, 1917.

§ Ryan, Mrs. Mary. Guardian of Alice Ryan.

x Cavanagh, James. Granted $570 back pension covering a period from May 31, 1915, to and including January 31, 1917.

During the year the following deaths occurred:

Maurice Cunningham	Died July 10, 1916
Martin Burns	Died Oct. 7, 1916
Howard Holmes	Died Dec. 28, 1916
J. W. Reilly	Died Dec. 29, 1916
William Crowhall	Died Feb. 8, 1917
D. A. Finn	Died Mar. 10, 1917
George Carew	Died April 15, 1917
Patrick Barry	Died April 27, 1917
John Lavaroni	Died June 30, 1917
L. H. Richards	Died Feb. 27, 1917

APPROPRIATIONS AND EXPENDITURES.

Appropriated by Board of Supervisors July 1, 1916	$107.500.00

PENSIONS PAYABLE.

First Quarter ending September 30, 1916	$29,271.44	
Second Quarter ending December 31, 1916	29,271.44	
Third Quarter ending March 31, 1917	30,325.34	
Fourth Quarter ending June 30, 1917	30,146.69	
Salary of Secretary, Printing, Stationery, etc.	600.00	
		$119,614.91

Respectfully submitted,

H. L. KEEFE,

Secretary, Board of Fire Pension Fund Commissioners.

Report of Park Commissioners

Pursuant to Section IX, Article XV, of the Charter of the City and County of San Francisco, the Park Commissioners herewith present their report for the fiscal year ending June 30, 1917.

M. E. CUMMINGS,
(Acting) President Park Commission.

JAS. DE SUCCA,
Secretary Park Commission.

RECEIPTS.

Balance brought forward from 1916	$ 1,251.92	
Taxes	381,028.26	$382,280.78
Sundry Revenues—		
Children's Quarters receipts	$ 34,230.60	
Beach Chalet	3,556.85	
A. D. Huntington, Improvement of Huntington Park	4,000.00	
From P. P. I. E. moving and installing buildings in Funston Square	2,349.00	
Rent of Japanese Tea Garden	600.00	
Sale of animals—horses and sheep	600.00	
For improvement of Civic Center	366.25	
Foundation of Cervantes Monument	351.15	
Rent of Boat House	300.00	
Sale of wool	271.70	
Expenses shipping animals—Elk, Buffalo	262.50	
For improvement of Polytechnic School Grounds	250.50	
Returned empty cement sacks	105.10	
United Railroads right of way	100.00	
From Pacific Coin Lock Co.	54.02	
Sale of catalogues, Museum	30.50	
For improvement of Alamo Square	25.89	
Sale of old iron	22.00	
Refund on faulty tire	14.20	
Returned excess fee on motor vehicle	10.40	47,382.46
Total		$429,663.24

DISBURSEMENTS.

Golden Gate Park—		
Construction Account	$ 30,447.74	
Maintenance Account	211,801.34	$242,249.08
Small Parks and Squares—		
Construction Account	14,823.41	
Maintenance Account	89,843.29	104,666.70
Great Highway—		
Esplanade	2,020.86	
Construction of Tunnel through Upper Drive (continued from last year)	1,060.95	
Walk	2,135.60	
Lath Fence, Upper Drive	760.92	
Construction of Great Highway	743.75	
Wall at Cliff	226.50	
Maintaining Great Highway	5,535.50	
Maintaining Convenience Station Great Highway	1,197.86	13,681.94
Presidio Parkway—		
Construction	195.81	
Maintenance	5,340.28	5,536.09

Museum—		
Construction of New Museum (uncompleted)	2,755.80	2,755.80
Maintaining Labor	13,073.37	
Show Cases	500.00	
Gas and Electric	414.72	
Expressage	300.50	
Oil Painting—Catalogue Fund	300.00	
Coal	181.27	
General Expense	145.47	
Paints, Oils, Brushes	106.91	
Hardware	91.74	
Catalogues	90.00	
Electric Supplies	82.00	
Lavatory Supplies—Oil, Twine	76.76	
Pastel—Skae Fund	55.50	
Muslin, Bunting, Burlap	55.86	
Stationery	55.03	
Cleaning Supplies	50.05	
Wall Paper and Lining—Cottage	49.69	
Custom House Charges—Japanese Donation	47.00	
Frames	44.77	
Electric Lights and Mazda Lamps	41.23	
Supplies—Natural History Department	38.88	
Electric water heater and fittings	38.25	
Heater lamps	32.80	
Millwork	24.65	
Copper cuts	21.00	
Water	18.00	
Printing labels	17.00	
Window shades for Cottage	16.15	
Coal oil	15.20	
Custom House charges—Greek statuary	13.00	
Photographs of paintings	12.50	
Cement tray	11.00	
Removing paintings from Argentine Building	10.00	
Type	8.65	
Brooms	6.50	
Matting	3.11	
Wicks for oil lamps	3.00	
Automatic counters	2.93	16,054.49
Music	12,268.50	
Sheet music	111.95	
Programs	423.50	
Musical instruments	70.00	12,873.95
Administrative—		
Salaries—Superintendent, Clerk	7,220.00	
Secretary, Accountant, Stenographer	4,955.00	
Chauffeur	1,500.00	
Surveyor and draughtsman	2,217.90	
Plumber	1,030.75	
Record books	217.85	
Stationery	192.10	
Printing letter heads and envelopes	62.75	
Carpets for office	37.20	
General expense account	204.00	17,637.55

Miscellaneous—		
Automobile supplies and fittings	1,420.36	
Freight and express, custom house charges and general expense	990.55	
Water, fountains	192.36	
Repairing survey instruments, supplies and draughting materials	73.63	
Printing—Loam tickets	50.43	
Mounting Buffalo heads	50.00	
Press clippings	37.50	
Advertising for bids	10.93	
Photographs of route of proposed railroad	10.40	2,836.16
Balance forwarded to next fiscal year 1917-1918	11,371.48	11,371.48
Total		$429,663.24

CONSTRUCTION ACCOUNT.

Structures	$ 5,857.56	
Water Works	1,725.12	
Roads and Walks	3,359.06	
Grounds	17,466.66	
Drains	349.01	
Forestry	715.25	
Children's Quarters	975.08	
Total		$ 30,447.74

MAINTENANCE ACCOUNT.

Structures	$ 10,418.83	
Tennis Courts and Club House	1,700.95	
Water Works	15,546.06	
Roads and Walks	11,189.35	
Grounds	66,745.10	
Stock and Implements	8,351.33	
Conservatory	6,927.43	
Nursery	12,966.42	
Stables	10,827.34	
Children's Quarters	38,559.20	
Beach Chalet	3,731.51	
Live Stock	13,342.87	
Forestry	2,393.35	
Stadium	3.944.18	
Drains	743.45	
Total		$211,801.34

SMALL PARKS AND SQUARES.

Construction Account—

Alta Plaza	$ 19.00	
Buena Vista	568.35	
Huntington	3,044.49	
Lincoln	8,864.91	
Mt. Lake	423.80	
Parkside	78.03	
Union	1,019.42	
Civic Center	69.75	
Alamo	128.00	
Fairmount	60.00	
Funston	250.00	
Sharp	67.13	
Schools	34.30	
Balboa	153.48	
General account	42.75	
		$ 14,823.41

MAINTENANCE ACCOUNT

	Labor	Water	Sundries	
Alta Plaza	$3,688.75	$2,335.72	$ 85.29	$6,109.76
Alamo	3,214.00	3,016.94	27.30	6,258.24
Bernal	717.50	650.00	7.50	1,375.00
Balboa	4,510.25		387.71	4,897.96
Buena Vista	3,055.25	817.45	166.39	4,039.09
Bay View	481.50			481.50
Columbia	1,153.25	611.00	25.50	1,789.75
Coso	42.00	39.77		81.77
Civic Center	1,711.50	1,008.63	64.38	2,784.51
Duboce	1,624.00	1,197.30		2,821.30
Dolores	1,607.25	1,153.62		2,760.87
Franklin	2,140.50	780.00	58.75	2,979.25
Fairmount		24.80		24.80
Garfield	1,065.50	734.50	39.60	1,839.60
General Account	584.50		1,218.19 (hose $720)	1,802.69
Holly	1,960.50	795.91		2,756.41
Home	134.00	48.31		182.31
Jefferson	3,076.50	2,457.00	39.75	5,573.25
Lafayette	2,393.75	1,604.85		3,998.60
Lincoln	8,381.00	303.28	1,204.55 (elec. power) ($2,394.43)	12,283.26
Richmond Library Grounds	556.00			556.00
Mission	3,993.50	3,900.00	23.63	7,917.12
Con. Sta. Mission	485.00	203.71	45.00	733.00
Mt. Lake	74.00			74.00
McKinley	1,049.50	91.00	28.05	1,168.55
Portsmouth	1,045.25	318.50	38.25	1,402.00
McCoppin	375.25	155.48		530.73
Schools	932.25			932.25
South Park	562.75	195.00		757.75

	Labor	Water	Sundries	
St. Mary	758.75	215.42	27.25	1,001.42
Telegraph Hill	2.50		48.75	51.25
Union	1,981.15	650.00	12.47	2,643.62
Con. Sta. Union	978.00	259.73	100.63	1,338.36
Washington	1,526.25	559.00		2,085.25
Con. Sta. Washington	662.50	289.25	68.86	1,020.61
Huntington	703.20	211.95	132.51	1,047.66
Sharp			38.05	38.05
Funston	1,018.00	653.04	25.00	1,696.04
Richmond Police Sta.	6.00			6.00
McCreery Library	3.00			3.00
				$89,843.29

APPORTIONED ACCOUNTS

Nursery—		
Construction Grounds	$ 7,000.00	
Maintenance grounds	3,966.42	
Maintenance parks and squares	2,000.00	$ 12,966.42
Stables—		
Construction drives	4,000.00	
Maintenance drives	3,000.00	
Maintenance grounds	2,000.00	
Maintenance parks and squares	1,827.34	10,827.34
Stock and Implements—		
Construction grounds	1,000.00	
Construction drives	2,000.00	
Maintenance grounds	4,000.00	
Maintenance squares	500.00	
Lincoln Park	651.33	
Balboa Park	200.00	8,351.33

Law Library

San Francisco, Cal., July 1, 1917.

James Rolph, Mayor, and the Board of Supervisors of the City and County of San Francisco.

Gentlemen:—The Librarian and Secretary herewith submits his report of the affairs of the San Francisco Law Library Association for the year ending this day:

The accessions for the year have followed the course pursued during the past years, with the exception that during the last year more works of a general nature were purchased.

During the year 2417 books were added to the Library, making the total number on the shelves 40,136.

Of the accessions 29 were presented, 201 were records of the Supreme Court, District Court of Appeal, and the Circuit Court of Appeals. The remainder were purchased.

The donors were:

Secretary of the State of California,
Secretary of the Province of Victoria,
Railroad Commission of California,
Public Service Commission of New York,
Industrial Accident Commission of California,
Board of Supervisors of San Francisco,
R. S. Gray,
F. C. Drew,
A. R. Cotton,
Richard C. Harrison,
Secretaries of the Departments of Washington.

The character of the books added is as follows:

Reports	347
Textbooks	534
Periodicals	225
Statutes	406
Digests and Indexes	71
Scotch and Irish Publications	20
African Publications	9
Other Foreign Publications	45
Directories	44
Collected Cases	24
Encyclopedias	14
Governmental Publications	11
Trials	35
Citations	20
Bar Association Reports	42
Dictionaries	15
Statistical Reports	6
Records	201
Abridgements	15
International Arbitration	36
General Miscellany	297
Total	2,417

More particularly classified the accessions were as follows:

American Reports	279
American Textbooks	313
American Statutes	368
American Digests and Indexes	65
American Legal Periodicals	156
English Reports	42
English Textbooks	211
English Statutes	7
English Digests and Indexes	3
English Legal Periodicals	42
Canadian Reports	20
Canadian Textbooks	10
Canadian Statutes	25
Canadian Digests and Indexes	1
Canadian Legal Periodicals	27
Australian Reports	6
Australian Statutes	6
Australian Digests and Indexes	2
Scotch Publications	18
Irish Publications	2
African Publications	9
Other Foreign Publications	45
Collected Cases	24
Dictionaries	15
Encyclopedias	14
Abridgments	15
International Arbitration	36
Statistical Works	6
Trials	35
Directories	44
Citations	20
Bar Association Reports	42
Governmental Publications	11
Records of Supreme Court	125
Records of District Court of Appeal	76
Miscellaneous	297
Total	2,417

The expenses of the year were as follows:

Books	$10,439.75
Insurance	70.00
Binding	993.65
Miscellaneous	751.28
Salaries	3,600.00
Total	$15,854.68

The items of expenditure are as follows:

American Reports	$ 939.22
American Textbooks	1,494.05
American Statutes	1,656.68
American Digests and Indexes	588.83
American Legal Periodicals	853.63
English Reports	246.10

English Textbooks	781.55
English Statutes	34.75
English Digests and Indexes	12.50
English Legal Periodicals	196.85
Canadian Reports	263.90
Canadian Textbooks	94.55
Canadian Statutes	175.15
Canadian Digests and Indexes	75.00
Canadian Legal Periodicals	94.70
Australian Reports	279.45
Australian Textbooks	19.00
Australian Statutes	16.95
Australian Digests and Indexes	9.75
Australian Legal Periodicals	50.00
Scotch Publications	52.00
Irish Publications	43.00
African Publications	15.00
East Indian Publications	137.20
Other Foreign Publications	35.50
Collected Cases	92.08
Citations	649.56
Dictionaries	56.75
Encyclopedias	158.60
Statistical Works	48.00
Bar Association Reports	139.00
Abridgments	27.00
Trials	81.00
Directories	189.05
General Literary Works	801.55
Newspapers	51.85
Expressage, Cartage, and Postage	151.83
Stationery and Printing	53.45
Maps	5.00
Binding	993.65
Insurance	70.00
Miscellaneous Expense ($340.00, cards)	541.00
Salaries	3,600.00
Total	$15,854.68

The income for the year was $16,151.55, as follows:

Dollar Tax	$14,969.00
Rebate on Insurance, Fines, etc.	1,182.55
Total	$16,151.55

During the year John M. Burnett passed away.

Mr. Burnett was for many years a trustee of the Library. He was greatly devoted to its interests and was ever most generous of his time in its behalf. His advice was always most helpful to the Librarian. It was always his wish to see the Library restored to its former position. He spared no pains in the accomplishment of that purpose. His uniform courtesy greatly endeared him to his associates. In his death the Library lost one of its best friends.

Very respectfully,

JAMES H. DEERING,
Secretary and Librarian.

Report of Sheriff

San Francisco, October 1, 1917.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:—In compliance with Article XVI, Section 9, of the Charter of the City and County of San Francisco, I have the honor to submit to you herewith Report of the Sheriff of the City and County of San Francisco for the fiscal year ending June 30th, 1917.

The report includes in detail the amounts paid into the City Treasury by this office as fees. Statistical information as to the number, occupation, nativity, etc., of prisoners committed to the jails during the fiscal year is also shown.

Respectfully submitted,

THOS. F. FINN,
Sheriff of the City and County of San Francisco.

FINANCIAL STATEMENT FOR THE FISCAL YEAR, JULY 1, 1916, TO JUNE 30, 1917.

Amounts paid into the City and County Treasury for the fiscal year ending June 30, 1917.

1916—	
July	$ 2,407.23
August	2,640.78
September	2,264.97
October	2,028.10
November	2,345.68
December	2,242.80
1917—	
January	2,240.30
February	1,956.00
March	1,898.02
April	2,013.76
May	2,123.07
June	2,492.63
Total	$26,853.34

Amounts paid into the City and County Treasury for the maintenance of United States prisoners.

1916—	
September	$ 7.60
October	1,299.60
1917—	
January	696.80
March	789.60
June	747.20
	$3,540.80

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1917.

SUBSISTENCE.		SHERIFF'S EXPENSE	
1916.		1916.	
July	$ 4,019.68	July	$ 162.04
August	4,976.60	August	189.00
September	3,923.52	September	200.52
October	3,761.43	October	139.56
November	4,160.11	November	133.50
December	4,159.74	December	157.20
1917.		1917.	
January	4,634.08	January	325.06
February	5,060.26	February	357.60
March	4,525.06	March	169.33
April	4,172.87	April	235.40
May	4,094.56	May	211.48
June	4,220.69	June	252.03
	$50,818.60		$2,532.72

Subsistence Expenditure	$50,818.60
Subsistence Allowed	50,000.00
Subsistence Overdrawn	$ 818.60
Sheriff's Expense Expenditure	$ 2,532.72
Sheriffs Expense Allowed	2,500.00
Sheriff's Expense Overdrawn	$ 32.72
Subsistence Overdrawn	$ 818.60
Sheriff's Expense Overdrawn	32.72
Total Overdrawn Subsistence and Sheriffs Expense	$ 851.32

MONTHLY STATEMENT OF INMATES CARED FOR FROM UNITED STATES COURTS WITH AMOUNTS RECEIVED FOR CARE OF SAME QUARTERLY.

July	1065			
August	1182			
September	1021			
Total	3268	@	40c each	$1,307.20
October	637			
November	545			
December	560			
Total	1742	@	40c each	$ 696.80
January	667			
February	639			
March	668			
Total	1947	@	40c each	$ 789.60
April	548			
May	623			
June	697			
Total	1868	@	40c each	$ 747.20

Total amount received for maintenance U. S. prisoners July 1916-July 1917	$3,540.80
Actual amount overdrawn on subsistence and Sheriff's expense	851.32
Total surplus	$2,689.48

FELONY PRISONERS COMMITTED DURING FISCAL YEAR ENDING JUNE 30, 1917, AND THEIR OFFENSES.

MEN

Arson	3
Assault with a deadly weapon	14
Assault with intent to commit murder	20
Assault with intent to do bodily harm	3
Abandonment and neglect of wife	3
Attempt to commit grand larceny	3
Attempt to commit burglary	15
Bribery	4
Burglary	160
Contributing to the delinquency of minor child	1
Embezzlement	13
Forgery	24
Grand Larceny	67
Manslaughter	3
Making and passing a fictitious instrument	25
Murder	31
Obtaining money by false pretense	2
Obtaining property by false pretense	1
Omitting to provide for a minor child	37
Perjury	2
Pimping	8
Pandering	3
Petit Larceny	2
Rape and attempt to commit rape	22
Receiving stolen property	5
Robbery and assault to commit robbery	93
Violating act regulating sale of poison	5
Violating act regulating banking	3
Violating Juvenile Court law	3
Violating miscellaneous Sec. Penal Code	59
Incorrigible	1
Total	635

WOMEN.

Grand Larceny	5	
Assault with deadly weapon	3	
Violating Juvenile Court Law	1	9
Grand total		644

MISDEMEANOR PRISONERS COMMITTED DURING FISCAL YEAR ENDING JUNE 30, 1917, AND THEIR OFFENSES.

MEN.

Attempt to commit grand larceny	1
Attempt to commit burglary	4
Attempt to commit rape	1
Assault, simple	5
Assault, deadly weapon	7
Battery	55
Begging	191
Burglary	4
Carrying burglar tools	5
Carrying concealed weapon	22
Contempt of court	9
Cruelty to animals	1
Cruelty to minor child	2
Disturbing the peace	90
Drunk in a public place	240
Embezzlement	4
Forgery	2
Indecent exposure	19
Interference with an officer	2
Lewd and indecent act	4
Malicious mischief	15
Obtaining money by false pretenses	1
Petit larceny	228
Threats against life	4
Violating Ord. B. of S.	2
Violating Motor Vehicle Act	10
Violating State Poison Law	101
Violating Juvenile Court Law	3
Vagrancy	825
Miscellaneous Offenses	34
Total	1891

WOMEN.

Begging	4
Burglary second degree	1
Battery	1
Drunk in a public place	65
Disturbing the peace	6
Malicious mischief	1
Petit Larceny	6
Violating State Poison Law	3
Violating Sec. 311 P. S.	1
Soliciting Prostitution	9
Vagrancy	92
(Women) Total	189
(Men) Total	1891
Grand Total	2080

AVERAGE DAILY NUMBER OF PRISONERS IN JAILS FOR FISCAL YEAR ENDING JUNE 30, 1917.

1916—	
July	375.006
August	349.019
September	332.066
October	370.054
November	379.02
December	400.07
1917—	
January	393.096
February	467.057
March	442.019
April	382.016
May	375.036
June	290.093
Total	4,554.552
Monthly average	377.87

NUMBER OF FELONY PRISONERS TRANSFERRED TO VARIOUS COURTS AND THEIR DAILY AVERAGE DURING THE FISCAL YEAR ENDING JUNE 30, 1917.

1916— Month	Days	Prisoners	Daily Average
July	26	400	15.385
August	25	397	15.88
September	25	380	15.5
October	26	408	15.692
November	24	280	11.666
December	25	363	14.52
1917—			
January	26	444	17.076
February	22	393	17.868
March	27	492	18.222
April	25	436	17.444
May	25	402	16.08
June	25	393	15.72
Totals	301	4788	15.906

FELONY PRISONERS DISCHARGED DURING FISCAL YEAR ENDING JUNE 30, 1917.

MEN.

Delivered to United States authorities	3
Discharged by bail, bond and Habeas Corpus	72
Discharged by Order of Court	15
Discharged on motion of District Attorney	31
Served sentence in jail	29
Sent to San Quentin	109
Sent to Folsom	32
Sent to Preston School	13
Turned over to Sheriffs of other Counties	7
Turned over to Juvenile Detention Home	4
Transferred to County Jail No. 2	2
Released on O. R.	29
Sent to Insane Asylums	4
Acquitted on trial	49
Released on probation	156
Total	555
Prisoners on hand June 30, 1917	80
Total	635

WOMEN.

Acquitted on trial	2
Discharged by bail, bond and Habeas Corpus	2
Released on probation	2
Serving sentence in County Jail No. 3	3
Total (women)	9
Total (men)	635
Grand Total	644

PRISONERS RELEASED ON PAROLE DURING FISCAL YEAR ENDING JUNE 30, 1917.

1916—	Granted	Denied	Continued
July	18	4	9
August	6	2	....
September	7	5	4
October	4	4	2
November	13	—	—
December	28	4	4
1917—			
January	18	3	....
February	14	6	....
March	13	4	10
April	28	8	....
May	22	4	5
June	43	8	14
Totals	217	52	48

PRISONERS RELEASED ON PAROLE DURING FISCAL YEAR ENDING JUNE 30, 1917.

Number of applications made from July 1, 1916, to June 30, 1917	317
Number of applications granted	217
Number of applications denied	52
Number of applications continued	48

AMOUNT OF MONEY COLLECTED AT COUNTY JAIL IN FINES DURING FISCAL YEAR.

1916—		
September 12	$92.00	
September 22	14.00	$106.00
October 25	58.00	
December 3	92.00	
December 28	6.00	98.00
1917—		
January	48.00	
May 4	72.00	
May 12	2.00	74.00
June 29	66.00	66.00
Grand Total		$450.00

MISDEMEANOR PRISONERS DISCHARGED DURING FISCAL YEAR.

MEN.

Discharged, term expired	418
Discharged by credits	1080
Paroled	199
Discharged by payment of fine	10
Discharged by bail, bond and habeas corpus	7
Died	3
Escaped	1
Transferred to insane asylums	12
Delivered to United States authorities	3
Discharged by order of Court	2
Suspended sentence	1
Reopened and dismissed	2
Keep the peace	1
Out on appeal	4
Prisoners on hand June 30, 1917	148
	1891

WOMEN.

Discharged by credits	101	
Discharged, term expired	45	
Paroled	18	
Released on bonds	1	
Died	1	
Prisoners on hand June 30, 1917	23	189
Grand Total		2080

MISDEMEANOR PRISONERS COMMITTED DURING FISCAL YEAR AND THEIR OCCUPATIONS.

Actors	6	Insurance	1
Agents	1	Ironworkers	13
Architects	1	Janitors	4
Artists	1	Junk dealers	1
Bakers	10	Kitchen hands	10
Barbers	19	Laborers	605
Bartenders	7	Laundryworkers	15
Bellboys	5	Lawyers	2
Bootblacks	1	Lithographers	1
Blacksmiths	16	Longshoremen	13
Bookbinders	1	Lumbermen	2
Bookkeepers	6	Machinists	37
Boilermakers	5	Mechanics	2
Boxmakers	1	Masons	2
Bricklayers	4	Marble Polishers	2
Bridgemen	1	Mattress Makers	2
Butchers	9	Marine Firemen	4
Butlers	1	Merchants	2
Capmakers	1	Messengers	4
Carpenters	22	Mill workers	1
Canmakers	1	Millwrights	2
Cattlemen	1	Molders	7
Chauffeurs	8	Musicians	7
Cigarmakers	2	Miners	18
Claim adjusters	1	Newsboys	4
Clerks	18	Nurses	1
Cement workers	1	Painters	34
Cooks	71	Pantrymen	2
Coopers	1	Paper Hangers	1
Peddlers	2	Peddlers	39
Dairymen	2	Plasterers	3
Dishwashers	8	Pipe Fitters	3
Distributors	1	Photographers	2
Doctors	1	Plumbers	11
Druggists	1	Porters	14
Drillers	2	Printers	6
Dyers	1	Press agents	1
Electricians	7	Pumpmen	1
Elevatormen	3	Riggers	2
Engineers	6	Riveters	2
Expressmen	1	Railroadmen	7
Factory workers	2	Sailors	62
Farmers	4	Salesmen	7
Filers	1	Shoemakers	12
Firemen	24	Shingle weavers	2
Fortune tellers	5	Scalers	1
Gardeners	14	Sealers	1
Glass workers	1	Shipfitters	1
Hatters	4	Solicitors	4
Hotel attendants	2	Steamfitters	10
Horseshoers	2	Stevedores	17
Horse trainers	2	Stewards	11
House boys	1	Stone cutters	1

Soldiers	1	Watchmakers	2
Tailors	26	Watchmen	5
Teamsters	76	Weaver	1
Telegraphers	1	Well Digger	1
Tinsmiths	2	Woodworker	1
Trunkmakers	1	No record	338
Umbrella makers	1		
Upholsterers	1		1891
Waiters	95		

WOMEN

Actresses	1	Millinery	1
Agents	1	Saleslades	2
Chambermaids	4	Seamstresses	6
Clerks	1	Stenographers	1
Cooks	2	Teachers	1
Domestics	75	Waitresses	16
Dressmakers	3	No occupation	24
Housekeepers	1		
Housewives	41		189
Laundresses	9	Grand total	2080

BIRTHPLACES OF MISDEMEANOR PRISONERS COMMITTED DURING FISCAL YEAR.

MEN.

Alabama	17	New Jersey	15
Alaska	16	New Mexico	15
Arizona	15	New York	186
Arkansas	16	North Carolina	4
California	583	North Dakota	5
Colorado	19	Ohio	40
Connecticut	18	Oklahoma	4
Delaware	13	Oregon	13
District of Columbia	16	Pennsylvania	44
Florida	14	South Carolina	5
Georgia	16	South Dakota	6
Idaho	15	Rhode Island	5
Illinois	55	Tennessee	5
Indiana	15	Texas	12
Iowa	19	Utah	2
Kansas	15	Vermont	5
Kentucky	21	Virginia	6
Louisiana	11	Washington	13
Maine	13	West Virginia	3
Maryland	10	Wisconsin	19
Massachusetts	19	Wyoming	3
Michigan	22	Porto Rico	13
Minnesota	17	Philippines	4
Mississippi	17	Australia	1
Missouri	14	Austria	10
Montana	16	Belgium	5
Nebraska	19	Brazil	6
New Hampshire	16	Canada	11

China	11
Denmark	9
East India	6
West India	1
England	22
Finland	8
France	10
Germany	29
Greece	4
Hawaii	4
Holland	4
Ireland	85
Italy	10
Japan	7
Mexico	30
Norway	24
Panama	3
Portugal	4
Scotland	16
Spain	8
Sweden	29
Rumania	5
Russia	15
Switzerland	5
South Africa	1
Turkey	1
Cuba	1
Central America	5
Total	1891

WOMEN

Alabama	3
Arkansas	1
California	64
Illinois	8
Louisiana	9
Massachusetts	2
Michigan	1
Kentucky	2
Missouri	3
Nebraska	1
Nevada	3
New York	17
Minnesota	2
Ohio	1
Oklahoma	4
Pennsylvania	6
Rhode Island	1
Tennessee	2
Texas	2
Washington	7
Wisconsin	2
Hawaii	1
British Columbia	4
Australia	3
Canada	2
England	4
Germany	3
Ireland	21
Mexico	1
Russia	2
Scotland	6
Sweden	1
	189
(Men)	1891
Total	2080

TERMS OF SENTENCES OF MISDEMEANOR PRISONERS COMMITTED DURING FISCAL YEAR.

MEN.

2 years	3	10 days	325
18 months	5	5 days	47
15 months	1	3 days	2
12 months	7	2 days	1
9 months	2	1 day	1
6 months	282	$ 25.00 or 25 days	3
5 months	9	$500.00 and 6 months	1
4 months	8	$400.00 or 100 days	1
3 months	110	$100.00 or 50 days	24
90 days	106	$180.00 or 90 days	1
60 days	221	$ 50.00 or 10 days	2
50 days	12	Released on O. R.	2
40 days	2	Released until alimony paid	1
30 days	692	Sent to Preston School	1
26 days	1	Keep the peace	1
20 days	2		
15 days	15		1891

WOMEN

1 year	2	5 days	4
6 months	10	$100.00 or 50 days	2
3 months	4		
90 days	22		189
60 days	25	(Men)	1891
30 days	100		
15 days	2	Total	2080
10 days	18		

ANNUAL REPORT OF VISITING PHYSICIAN TO COUNTY JAIL NO. 1 DURING YEAR.

(Dr. George F. Brackett)

Month	Medical Treatments	Surgical Treatments	Dental Treatments
1916—			
July	68	21	14
August	71	20	18
September	88	24	20
October	90	26	18
November	108	58	31
December	101	56	28
1917—			
January	108	43	31
February	96	27	32
March	100	36	46
April	98	41	48
May	106	23	46
June	95	30	34
Total	1129	405	366

Number sent to insane hospitals..... 4
Number sent to San Francisco Hospital..... 2

ANNUAL REPORT OF VISITING PHYSICIAN TO COUNTY JAIL NO. 2 DURING YEAR.

(Dr. George F. Brackett)

Month	Medical Treatments	Surgical Treatments	Dental Treatments
1916—			
July	162	70	11
August	126	55	6
September	144	78	5
October	204	49	9
November	182	107	6
December	302	98	4
1917—			
January	371	87	6
February	394	97	9
March	512	184	21
April	547	142	32
May	528	96	23
June	484	141	10
Total	3956	1204	142

Number sent to insane hospital..... 12
Number sent to San Francisco Hospital..... 7
Died..... 1

Adult Probation Department

For the Year Ending December 31, 1917.

ADULT PROBATION DEPARTMENT.

Hall of Justice—Kearny and Washington Streets.

JUDGES—SUPERIOR COURT

Hon. Frank H. Dunne, Department 6.
Hon. Franklin A. Griffin, Department 11.
Hon. George H. Cabaniss, Department 12.

JUDGES—POLICE COURT:

Hon. Timothy I. Fitzpatrick, Department 1.
Hon. John J. Sullivan, Department 2.
Hon. Matthew I. Brady, Department 3.
Hon. Morris Oppenheim, Department 4.

ADULT PROBATION DEPARTMENT:

Probation Board:

Andrew Y. Wood, Chairman,
James S. Fennell, Vice-Chairman,
Augustine C. Keane, Secretary,
George Filmer,
Mrs. Henry Sahlein,
Dr. J. Wilson Shiels,
Miss Mary L. Sweeney.

Probation Officers:

William H. Nicholl, Chief,
William J. Wallace, Assistant,
Sidney B. Vernon, Assistant,
Miss Julia A. O'Neil, Deputy,
Michael J. Sullivan, Deputy,
John I. Bayreuther, Deputy.

FOREWORD.

Comment upon the facts contained in the accompanying report of Chief Adult Probation Officer Wm. H. Nicoll is almost superflous. The report and the statistics accompanying it, for the first time in the history of this work gathered together in comprehensive form for public perusal and study, speak for themselves. They indicate far more plainly than reams of comment the practical value of Probation to the community, from the economic as well as from the sociological side.

It is sufficient to say in a foreword to such a report that adult probation has amply justified itself. It rehabilitates the individual; it reunites and helps to keep together the family; it reimburses the merchant and business man for losses by petty peculations and small thefts as well as for damage maliciously caused to property; it procures work for men who fall into the hands of the police, but who have no crime charged against them, and who therefore do not fall legally within the purview of the Adult Probation Department, and it saves to the taxpayers of the city and county of San Francisco the expenditure of thousands of dollars yearly in the support of prisoners by making men who would otherwise be added to the prison population self-supporting and self-respecting.

That is what adult probation has done for the individual and for the community. Surely that is sufficient showing for its justification. It is worthy of note that of the 3,579 persons admitted to probation since January, 1910, only 224, or six per cent, have violated their probation and have had to be committed to institutions.

The recently constituted Women's Court, conducted under the direction of the Police Judges of San Francisco, with the assistance of the Adult Probation Department, is another indication of the advanced work that is being done in this state and of the problems that confront the authorities of a large city.

The recommendations of the Chief Probation Officer as to the medical examination of all prisoners and for better and more enlightened treatment of drink and drug users are worthy of careful consideration. No person should be admitted to any prison without being first given a thorough psychopathic examination, in order that his mental and physical condition may be known to the Judge before whom he appears for hearing or trial. Upon the facts shown by these reports the Judge and Probation Officer can be guided in the granting of and making recommendations for probation.

A socio-economic activity that redeems the individual, conserves family relations, protects women and children, finds employment for the jobless, and lessens the tax burden upon the community, is one that merits the greatest interest and the heartiest support both from the municipal officials charged with the duty of providing money for the carrying on of such activities and from the people in whose interest those activities are maintained.

In the belief that what is herein set forth will add to the public knowledge and awaken public interest in the work of the Adult Probation Department, this first report is respectfully submitted.

ANDREW YOUNGER WOOD,
Chairman, Adult Probation Board.

ADULT PROBATION DEPARTMENT.

Report for the year 1917.

To the Honorable Judges of the Superior Court, and the Judges of the Police Court of the City and County of San Francisco, California:

Gentlemen:—

In submitting, for the year 1917, this report of the Adult Probation Department, it is the purpose of this Department to show to you and to the public at large the practical results accomplished through the granting of Probation.

The Adult Probation System has been in operation in the City and County of San Francisco for eight years. While the work is still in the experimental stage, good and lasting results have been obtained through giving to men and to women the opportunity of redeeming themselves from mistakes made by them.

The Adult Probation work was originally established and conducted by the present Adult Probation Officer as a department of the Juvenile Court and under its direction. It early became apparent, however, that the work should be entirely separated from the children's department.

In 1917, the legislature of California amended section 1203 of the Penal Code, so as to separate Adult from Juvenile Probation and created a separate Adult Probation Department under the direction and control of the Judges of the Superior Court assigned to the trial of criminal cases.

An Adult Probation Board was created by the same statute and the Department is now operating under its supervision, and under the direction of Adult Probation Officer Wm. H. Nicholl, who originally inaugurated and conducted the work.

NUMBER OF PROBATIONERS.

From January 1, 1910, to and including December 31, 1917, a period of eight years, probation has been granted to 3,579 persons. If these persons had been sentenced to prison and served but one year, it would have cost the taxpayers for their care and maintenance, at 50 cents per diem, the sum of $653,167.50.

Instead, said number of probationers earned, at the rate of $50 per month (which is a small wage), the sum of $2,147,400.

This shows a great financial gain to the public; but the greatest and the best gain of all is the rehabilitation of the individual, who instead of having the stigma of ex-convict, has redeemed himself and has saved, in many cases, the innocent wife and children the slurs and the knowledge that the husband and father was known as a convict.

COLLECTIONS FROM PROBATIONERS.

There has been collected from probationers from January 1, 1910, to December 31, 1917, for the care of children and reimbursing merchants, the sum of $138,708.37 (in years as follows):

1910	$ 679.35	1915	$21,685.33
1911	2,588.10	1916	28,128.31
1912	6,791.30	1917	41,123.63
1913	19,284.15		
1914	18,478.20		$138,708.37

The above figures show the yearly increase in the sums of money collected.

This is the first time in the history of Adult Probation work in the state of California that any attempt has been made to furnish statistics relative to the work accomplished in the Superior and Police Courts: Statistics giving information of men and women offenders against the law—the charges, the various ages, nationalities, religious affiliations, occupations, and civil conditions. This data, with other statistics relating to the work, will be found in the appendices to this report.

VIOLATIONS OF PROBATION.

Since January, 1910, to December 31, 1917, 224 persons have violated the terms of their probation, and were sentenced as follows: State Prison, 168; County Jail, 40; School of Industry, 16; making a grand total of 224: showing that about six per cent have failed to taken advantage of the chance of redemption.

There are some minor violations, such as failing to report; drinking and not working. Probationers who offend in this manner are brought into court and reprimanded by the Judges; this class amounts to about two per cent. Also, we have about two per cent of probationers who after reporting for a few months disappear and we lose track of them, although every effort is made to locate them.

EMPLOYMENT.

For probationers, and prisoners under arrest and confined in the City Prison and the County Jail, released only under order of the judge, to go to work: Special attention has been given this phase of work by the Adult Probation Department.

During the year 1917, employment was secured for 112 probationers; work was found for 986 prisoners from the Police Court, City Prison, and those paroled from the County Jail—also for 90 outsiders who had no connection with probation or with the courts, and without any cost to the individual as to employment fee, or transportation to place of employment, a total of 1,188 persons.

The lowest wage is $75 per month, and a number are earning $5.50 per day;

the money earned by those released from the courts, the City Prison, and the County Jail, and the 90 outsiders, has not been included in the yearly wage report.

CO-OPERATION.

Through the kindness and co-operation of various railroads and steamship companies, eleven people were sent, without cost, to their homes throughout the United States—people who were destitute, and whose friends or relatives in other states were unable to help furnish transportation.

PREVENTIVE WORK AND UNOFFICIAL PROBATION.

It is interesting to note the possibilities of the Adult Probation Department with regard to preventive measures and unofficial probation.

During the year complaints made to the Adult Probation Department by wives against husbands, parents against sons and daughters, husbands against wives, children against parents, etc., have been adjusted: 186 cases, and none of these passed through the courts. This will show what can be done through friendly advice and guidance, without resort to law.

We have 57 probationers who have enlisted, or been taken in the draft and who are in the war, doing their part. Some are in the trenches. One who was wounded three times returned to the United States, has lectured on conditions "over there," and has returned to the trenches. If these men had been imprisoned, their services would have been lost to the country, whereas they now have the chance to get a clean record and to blot out any indiscretion they committed in the past.

RESIDENT PHYSICIAN—CITY PRISON.

A movement has been inaugurated by the Adult Probation Board that a resident physician be installed in the City Prison, so that all persons who have been arrested shall have a mental and a physical examination, and a written report of said examination filed with the court, so that the judge will have a complete report as to any defects, which will place the judge in closer touch with the with the prisoner when he appears for sentence, and the judge will be better able to give due consideration to any request from the prisoner for leniency. It will also help the Probation Officer in his recommendation to the court.

DRINK AND DRUG USERS.

Something should be done, and must be done, to relieve the repeated arrests of the drink and drug users. Many men and women are arrested a number of times during the year, and are sentenced to from ten days to six months. Some lasting treatment should be given this class of offenders. If they had a contagious disease every attention would be given them. They would be given clean beds, clean linen, a physician, a nurse and everything necessary for their recovery. But the drink and drug users are given no consideration. At the present time the only place they can be sent for treatment is the State Insane Hospital.

While it is the law, they are not wanted by the officials at the hospital, as they annoy and worry the mildly insane patients. Some place should be set apart for their treatment. The judges have done everything possible as far as they can to relieve and to stop the use of drink and drugs by imprisonment in the City Prison and the County Jail. This does not cure—it is only a temporary arrest of conditions.

WOMEN'S COURT AND ITS RESULTS.

On December 1, 1916, a Women's Court was inaugurated by the Police Judges of this City and County, consisting of Judges T. I. Fitzpatrick, Matthew I.

Brady, John J. Sullivan and Morris Oppenheim. Judge Sullivan opened the court the first week, and the balance of the month Judges Fitzpatrick, Brady and Oppenheim, each presided for one week.

Since January 1, 1917, the judges alternated, each holding the court session for one month. There have passed through the four (4) Departments of the Police Court (Women's Court), from December 1, 1916, to December 31, 1917, 6,060 women defendants.

The Police Judges have had a large number of other cases on their calendar besides the women defendants each month while holding the session of the Women's Court, and no figures can be given as we are dealing in this report only with women defendants.

From September 1st of this year the judges of the Police Courts decided to hold on a reserve calendar cases of all women defendants sent to the hospital for medical treatment, so that in case of rearrest of any of the defendants, a term in the County Jail would be given to each offender.

Since the inception of the Women's Court, which was practically due to the efforts and work of the various Women's Clubs of San Francisco, who have combined and are known as the City Federation of Women's Clubs, representatives from those various organizations have attended every session of the court, and by their presence have aided the judges in various problems as to the unfortunates who come before the court; that the Department knows this is a movement in the right direction and has come to stay, and a great deal of good has been accomplished. A number of cases that have passed through the court have been followed up by the ladies representing these organizations. Positions have been secured, employers talked with and salaries increased, and a number of girls have been sent to their homes in near-by towns; and various other things done for the betterment of those who have passed through the court. It has eliminated from the courtroom all males, except those actually engaged or connected in the cases before the court, such as witnesses or prosecutors of women defendants.

Before the establishment of the Women's Court, the women were tried in the various departments of the Police Court, and were subject to annoyances by "hangers-on" or people who had nothing to do but to attend the different sessions of the Police Court and who seem to have no visible means of support, and in some cases the women were followed up and various demands were made of them. If nothing else has been accomplished, this is worth the establishment of the court. The judges cannot be too highly commended for the humane manner in which they have disposed of the cases.

The Adult Probation Department has always been represented at every session of the said Women's Court by a Woman Probation Officer, who has rendered good services to the judges and also to the unfortunate women who have been placed in the charge of the Adult Probation Officer.

CARE AND MAINTENACE OF CHILDREN.

There is still another class of work that is done by the Police Court judges, that of the cases of failure to provide for care of minor children, where thousands of dollars yearly are collected from recreant fathers, who through neglect of family are arrested. In about ninety-seven per cent of these cases, drink is the cause, and through the efforts of the judges and the probation officer the man is compelled to stop the use of drink and contribute to the support of the child, and in many cases families are brought together who have been separated.

Respectfully submitted,

WM. H. NICHOLL,
Chief Adult Probation Dept.

APPENDIX.

REPORT OF ADULT PROBATION DEPARTMENT

Year ending December 31, 1917.

Total number placed on probation Jan. 1, 1910, to Dec. 31, 1917		3,579
Number reporting December 31, 1917		698
Placed on probation during year 1917, Superior Courts	242	
Placed on probation prior to 1917, and reporting	144	
Transferred to this county and reporting	7	
Placed on probation during year 1917, Police Courts	694	
		1,087
Wages earned by probationers during year 1917		$415,105.00
Money collected during year 1917, care of children and merchants reimbursed for losses to the amount of		$ 41,123.63
Number of position secured for probationers		112
Number of personal visits to homes of probationers		4,779
Number of reports of probationers received by mail		5,822
Number of personal reports		11,555
Number of letters received		6,091
Number of letters sent out		8,147
Number of interviews in person		5,496
Number of arrested men and women sent to State Hospital for cure of drug and drink		52

Note:—Money collected from January, 1910, to December 31, 1917, care of children and reimbursement of merchants, $138,708.37.

SUPERIOR COURTS: DEPARTMENTS 6, 11, 12.

Total number placed on probation Jan. 1, 1910, to Dec. 31, 1917		1,586
Number placed on probation during year 1917	242	
Number placed on probation prior to 1917 and reporting	144	
Number transferred to this county and reporting	7	
		393
Number sentenced violation of probation prior to 1917	148	
School of Industry	16	
Number sentenced violation of probation State Prison, 1917	20	
Number released on court order, 1917	156	
Number released prior to year 1917	853	
	1,586	

POLICE COURTS: DEPARTMENTS 1, 2, 3, AND 4.

Total number placed on probation January 1, 1910, to December 31, 1917	1,993	
	3,579	
Total number placed on probation during year 1917		694
Total number reporting December 31, 1917	305	1,087
Sentenced—Violation of parole—County Jail, prior to 1917	37	
Sentenced—Violation of probation, 1917	3	
Released on court order, 1917	698	
Released prior to year 1917	950	
	1,993	

NUMBER PLACED ON PROBATION—SUPERIOR COURT—DEPTS. 6, 11, 12, FROM JANUARY 1, 1917, TO DECEMBER 31, 1917—GIVING OFFENSES CHARGED, NATIONALITIES, RELIGION, AGES, CIVIL CONDITION, OCCUPATIONS:

The Offenses Charged Were as Follows:	
Abandonment and neglect of wife	8
Arson	1
Assault with deadly weapon	14
Attempt robbery	15
1st degree burglary	16
2d degree burglary	46
Embezzlement	10
Forgery	13
Grand larceny	53
Making and passing fictitious checks	20
Manslaughter	1
Omitting to provide minor child	36
Perjury	3
Pimping	1
Receiving stolen property	6
Vio. Juvenile Court law	3
Vio. Section No. 261, P. C.	2
Vio. Section No. 288, P. C.	1
Vio. State Poison Law	2
Vio. Section No. 481, P. C.	1
Incest	1
	249

Occupations:	
Chauffeurs and teamsters	46
Clerks	33
Laborers	75
Mechanics and tradesmen	63
Merchants	8
Professions	6
Seafaring	15
Soldiers	3
	249

Nationalities Represented:	
American	166
Chinese	4
English	14
French	1
German	17
Greeks	3
Irish	11
Italian	9
Russian	17
Scandinavian	6
Spanish	1
	249

Religion:	
Chinese	4
Jewish	14
Protestant	90
Roman Catholic	141
	249

Civil Condition:	
Married	101
Single	148
	249

AGES OF PROBATIONERS:

Males, over 18 years of age and under 21 years	43
Males between 21 years of age and under 30 years	98
Males between 30 years of age and under 40 years	69
Males between 40 years of age and under 50 years	26
Males over 50 years of age	13
	249

Seven women were given probation in the Superior Court during the year 1917.

These probationers were charged with the following offenses:

Contributing to the delinquency of a minor	2
Grand larceny	2
Passing fictitious checks	1
Attempt robbery	2
	7

Of these women:

3 were over 18 years of age and under 21 years.
3 were between 21 years of age and under 30 years.
1 was over 30 years of age and under 40 years.

Nationalities:

6 American.
1 Russian.

Religion:

3 Roman Catholic.
4 Protestant.

Civil Condition.

6 Married.
1 Single.

Occupations:

4 were employed in clerical work.
2 were employed as domestics.

NUMBER PLACED ON PROBATION—POLICE COURTS—FROM JANUARY 1, 1917, TO DECEMBER 31, 1917.

Number of men placed in custody of Probation Officer during year 1917, Police Court	630
Number of women placed in custody of Probation Officer during year 1917, Police Court	64
To December 31, 1917, Total	694

Of this number 132 were domestic relation cases, in which thousands of dollars have been collected for supporting families; the others were assult, battery, disturbing the peace, malicious mischief, drunk public place, violating traffic and other ordinances, petit larceny, and vagrancy.

155 men were over 18 years of age and under 21 years of age.
225 men were over 21 years of age and under 30 years of age.
130 men were over 30 years of age and under 40 years of age.
100 men were over 40 years of age and under 50 years of age.
20 men were over 50 years of age.

630

These 630 men represented 16 different nationalities, as follows:

American	455	Scandinavian	20
Austrian	10	Scotch	5
English	20	Spanish	10
French	5	Swiss	5
German	20	Chinese	10
Greek	15	Dutch	1
Irish	15	Russian	15
Italian	20		
Portuguese	5		66
	564		564
			630

350 stated that they were Roman Catholic; 50% of whom were active in observance of religious duties.

200 claimed that they belonged to different Protestant denominations, but 75% ad- admitted that they were not regular church attendants.

35 were of Jewish religion.

15 were Greek Catholic.
10 were Chinese.
20 denied any church affiliation.

630

Civil Condition:	
Married	270
Single	360
	630

Occupations were found to be:		Brought forward	170
Clerks	80	Tradesmen	165
Merchants	20	Teamsters	80
Seafaring	35	Laborers	210
Chauffeurs	35	Professions	5
	170		630

POLICE COURTS:

Number women placed in custody of Probation Officer year ending December 31 1917 ..... Total, 64

5 of the above number were 18 years of age and under 21 years.
30 of the above number were 21 years of age and under 30 years.
20 of the above number were 30 years of age and under 40 years.
9 of the above number were 40 years of age.

64

Nationalities represented were as follows:

		Religious Affiliations:	
American	45	Roman Catholic	35
Austrian	2	Protestant	24
Irish	3	Jewish	5
Russian	5		64
Scandinavian	3		
Spanish	2	Civil Condition:	
Italian	4	Married	45
	64	Single	19
			64

Occupations:	
Domestics	35
Clerks	15
Entertainers	5
Seamstresses	4
Nurses	5
	64

Offenses charged were as follows:	
Battery	3
Disturbing the peace	4
Drunk public place	10
Petit larceny	25
Vagrancy	21
Vio. State Poison Law	1
	64

CASES IN WOMEN'S COURT:

Obtaining goods under false pretenses	4
Carrying concealed weapon	2
Mayhem	1
Selling liquor without a license	1
Public institutions	24
Defrauding an inkeeper	2
Violating state tenement law	2
Violating state motor vehicle act	3
Violating state poison law	25
Violating pure food law	2
Violating gambling law	21
Violating liquor law	2
Violating City Ordinance 1749	4
Violating City Ordinance 1952	2
Violating City Ordinance 68	4
Violating City Ordinance 2569	36
Violating City Ordinance 1857	5
Violating Section 269-A, Penal Code	11
Violating Section 274, Penal Code	9
Violating Section 311, Penal Code	1
Violating Section 207, Penal Code	1
Exhibiting a deadly weapon	1
Begging	1
Extortion	1
Keeping a house of ill fame	413
Inmate of house of ill fame	882
Visiting a house of prostitution	121
Soliciting prostitution	391
Pandering	1
En route to the United States Marshal	3
Attempt grand larceny	1
Violating Section 404, Penal Code	1
Keeping a vicious dog	1
Violating City Ordinance 1046	2
Violating City Ordinance 642	1
Violating Section 596, Penal Code	1
Threats against life	2
Impersonating an officer	2
Violating Section 476, Penal Code	1
Violating Section 321, Penal Code	1
Violating City Ordinance 1038	1
Violating Section 21, Juvenile Court Act	3
Violating City Ordinance 1741	1
Violating City Ordinance 2924	1

Violating City Ordinance 4351	3
Bigamy	1
Disturbing the peace	146
Malicious mischief	17
Drunk in a public place	370
Vagrancy	3181
Grand larceny	117
Petit larceny	78
Robbery	6
Making and passing fictitious checks	7
Embezzlement	9
Cruelty to minor children	12
Assault with a deadly weapon	10
Cruelty to animals	2
Manslaughter	3
Murder	5
Battery	38
Nonpayment of wages	4
Receiving stolen goods	5
Obtaining money under false pretenses	1
Misdemeanor embezzlement	1
Maintaining a nuisance	3
Defrauding an auto driver	3
Forgery	1
Contributing to the delinquency of a minor	5
Burglary	8
Neglect of minor children	6
Assault with intent to commit murder	10
Resisting an officer	1
Attachment of wages	1
Violating City Ordinance 1364	1
Total	6060

DISPOSITION OF CASES.

Dismissed	4983
Sentenced to County Jail or City Prison	293
Placed in custody of the Probation Officer	169
Sent to the Juvenile Court	35
Held to the Superior Court	19
Sent to the Hospital for Examination	537
Sent to the Detention Hospital	6
Fined	16
Sent to the Relief Home	2
Total	6060

APPENDIX

Board of Supervisors

The following constituted the Board of Supervisors on July 1, 1917.

JAMES ROLPH, JR.,
Mayor and Ex-Officio President.

(Terms Expire January 8, 1918.)

Cornelius J. Deasy	City Hall
Andrew J. Gallagher	110 Sansome Street
Fred L. Hilmer	129 Davis Street
Ralph McLeran	2474 Fulton Street
Charles A. Nelson	1590 Underwood Avenue
Edward L. Nolan	City Hall
James E. Power	1207 Ashbury Street
Fred Suhr, Jr.	2919 Mission Street
John O. Walsh	117 Fair Oaks Street

(Terms expire January 8, 1920.)

Edward J. Brandon	20 De Soto Street
J. Emmet Hayden	34 Market Street
Oscar Hocks	558 Guerrero Street
John D. Hynes	550 Page Street
John C. Kortick	335 First Street
Joseph F. Lahaney	902 Potrero Avenue
Joseph Mulvihill	359 Waller Street
Richard J. Welch	978 Guerrero Street
Edward I. Wolfe	630 Mills Bldg.

STANDING COMMITTEES.

Auditorium—Brandon, Hynes, Gallagher.
Civil Service—Hocks, Hayden, Hilmer.
Commercial Development—Kortick, Walsh, Welch, Wolfe and Brandon.
Education, Parks and Playgrounds—Power, Wolfe, Kortick, Welch and Suhr.
Electricity—Suhr, Hocks, Kortick.
Finance—Power, Nolan, Gallagher.
Fire—Deasy, McLeran, Nelson.
Judiciary—Nelson, Hilmer, Hayden.
Lands and Tunnels—Hayden, Hilmer, Walsh.
Lighting, Water Service and Telephone Service—Nolan, Mulvihill, Power.
Municipal Concerts and Public Celebrations—Hynes, McLeran, Power.
Police—Lahaney, Hocks, Deasy.
Public Buildings—McLeran, Brandon, Nelson.
Public Health and Garbage Disposal—Walsh, Lahaney, Hynes, McLeran, Suhr.
Public Utilities—Wolfe, Gallagher, Deasy, Mulvihill, Welch.
Public Welfare, Weights and Measures and Publicity—Mulvihill, Hynes, Lahaney, Nolan, Hocks.
State Laws and Legislation—Hilmer, Wolfe, Hayden, Nelson.
Streets and Sewers—Welch, Brandon, Lahaney, Kortick, Suhr.
Supplies—Gallagher, Mulvihill, Deasy, Nolan, Walsh.

Exchange of South Beach Lands and Land at Foot of Van Ness Avenue.

On June 2, 1913, the Recreation League of San Francisco filed with the Board of Supervisors a communication requesting a hearing in the matter of the acquisition by the City of the certain lands vested in the Southern Pacific Company and other owners, lying at the foot of Van Ness Avenue for purposes of an aquatic park.

It was proposed to exchange the lands owned by the City and known as South Beach Blocks Nos. 53, 54 and 381, dedicated by the Legislature of the State to be exclusively used for railroad terminals, and which were under lease to the Southern Pacific Company and used for such railroad terminals.

The proposition was referred to the Lands and Tunnels Committee of the Board of Supervisors for consideration, and numerous meetings were held.

Petitions were filed by many civic organizations and prominent public-spirited citizens, favoring the acquisiton of an aquatic park, and the proposition for exchange of the lands. Those of record comprised the Juvenile Protective Association, Ariel Rowing Club, North Beach Promotion Association, Dolphin Swimming and Boating Club, Corinthian Yacht Club, South End Rowing Club, Pacific Association of the Amateur Athletic Union, Vittoria Colonna Club, Pacific Association of Amateur Oarsmen, and Major General Bell of the Army Department. located at Fort Mason.

The question as to the authority vested in the Board of Supervisors to direct the exchange of lands was considered and in accordance with Journal Resolution No. 1762 of the Board of Supervisors, an opinion was obtained from the City Attorney, advising that the Board of Supervisors had the power and authority of proceeding in the manner prescribed in the Legislative Act of March 24, 1903, to exchange the lands in interest.

On May 22, 1916, the following resolution was passed by the Board of Supervisors:

Resolution No. 12956 (New Series)—Whereas, South Beach Blocks 53 and 54 designated as ''Market Place'' and Potrero Nuevo Block No. 381, designated as ''Produce Exchange'' were reserved by the Board of Tide Land Commissioners, composed of B. F. Washington, Dodman Gibbons and L. S. Bullock, under the provisions of an Act of the Legislature, entitled ''An Act to survey and dispose of certain Salt Marsh and Tide Lands belonging to the State of California,'' approved March 30, 1868 (Stats. 1867-68, page 716), and granted to the City and County of San Francisco by the provisions of an Act of the Legislature, approved March 11, 1874 (Stats. 1873-74, page 359), but with no power to donate, sell or alienate said lands or any part thereof, otherwise than by lease for a period not to exceed five years; and,

Whereas, on March 24, 1903, the Legislature passed an Act (Stats. 1903, p. 363), entitled ''An Act to amend an Act entitled 'An Act to vacate certain streets, alleys and market places in the City and County of San Francisco, and to donate the same, and other tide lands belonging to the State of California to said City and County of San Francisco for commercial purposes, and other matters relating thereto,' approved March 30th, 1872,'' approved March 11th, 1874; and

Whereas, said Act of March 24, 1903, provides ''that in the judgment of the Board of Supervisors of the said City and County said 'Market Place' and said 'Produce Exchange,' or either of them shall be necessary for terminal purposes for the use of any transcontinental railroad or railroad having transcontinental connections, and having its terminus in the City and County of San Francisco, then and in that case, the said City and County of San Francisco may sell said blocks or either of them, with the intervening streets, to the owners of such railroad for the fair and reasonable value thereof to be determined by a board of three arbitrators to be appointed as follows: One arbitrator by the owner of said railroad, one by the Board of Supervisors of the City and County of San

Francisco and the third by the two arbitrators so appointed, the decision of a majority of whom thereon shall be final; or, if the Board of Supervisors shall determine that the interests of said City and County will be subserved by an exchange of said blocks or either of them for other property of equivalent value owned by the owners of such railroad, such value to be determined by arbitration as aforesaid, then and in that case said City and County of San Francisco may exchange said blocks or either thereof, for such other property of equivalent value, and thereunto may execute and accept all deeds of conveyance necessary and proper to effect such exchange''; now therefore be it

Resolved, that it is the judgment of this Board of Supervisors of the City and County of San Francisco and this Board of Supervisors determines that said ''Produce Exchange'' and ''Market Place'' are and each of them is necessary for terminal purposes for the use of the Southern Pacific Company, a corporation, a transcontinental railroad or railroad having transcontinental connections and having its terminus in the City and County of San Francisco; that the interests of the City and County of San Francisco will be subserved by an exchange of said Produce and Market Place, known and designated as South Beach Blocks 53 and 54 and Potrero Nuevo Block No. 381, for other property of equivalent value owned by the owner of the Southern Pacific Company, a corporation, a transcontinental railroad, or railroad having transcontinental connections, having its terminus in the City and County of San Francisco; it is further

Resolved, that the Lands and Tunnels Committee of this Board of Supervisors enter into negotiations with the owner of said Southern Pacific Company, a corporation, to the end that the owner of said Southern Pacific Company, a corporation, appoint one arbitrator to act for the owner of said Southern Pacific Company, a corporation, on a board of three arbitrators as provided for in said Act of May 24, 1903, vested with the powers therein specified, and that said Committee select one arbitrator to act on said board of arbitration for and on behalf of the City and County of San Francisco and make and render a report of its actions and proceedings to this Board of Supervisors at the earliest possible date; and be it further

Resolved, that a list and description of the property owned by the owner of the Southern Pacific Company, a corporation, together with a report on the title to each and every parcel of said land made by a title company doing business in the City and County of San Francisco showing that the title thereto is free and unincumbered and that the owners of said Southern Pacific Company, a corporation, can convey a title to said property in fee simple absolute, free and clear of all incumbrances to the City and County of San Francisco, be furnished to this Board by said owner of said Southern Pacific Company; it is further

Resolved, that after the list and title report of said property of said Southern Pacific Company, a corporation, is furnished as hereinabove provided and this Board of Supervisors is satisfied that the land and property owned by the owner of said Southern Pacific Company is suitable and useful for the purposes and uses of this City and County, this Board will proceed to appoint an arbitrator to act for and on behalf of the City and County of San Francisco to act with an arbitrator appointed by the owner of said Southern Pacific Company, a corporation, on a board of three arbitrators, the third member of which shall be appointed by the arbitrators so appointed, which board of arbitrators shall determine the fair and reasonable value of said Produce Exchange and Market Place, and also the fair and reasonable value of the property owned by the owner of said Southern Pacific Company, a corporation, as provided for in the Act of March 24, 1903.

In accordance with the foregoing Resolution the following Resolution was passed on August 7, 1916.

Resolution No. 13227 (New Series).—Resolved, that Louis H. Mooser is hereby appointed as Appraiser to appraise the lands affected in the proposed exchange of lands belonging to the City and County, being South Beach Blocks

Nos. 53 and 54, for lands owned by the Southern Pacific Company, and situate in the vicinity of the northerly termination of Van Ness avenue, for Aquatic Park purposes.

This action is in accordance with Resolution No. 12956, New Series, and in accordance with the report of the Lands and Tunnels Committee, adopted in Board of Supervisors July 31, 1916, and the said appointee is hereby authorized to serve in compliance with the terms of the Act of the Legislature, approved March 30, 1868, Statute 1867-8, page 716, to act on a Board of three Arbitrators; and

Further Resolved, that the compensation to be paid for said service is hereby fixed in a sum not to exceed Five Hundred Dollars.

REPORT OF THE BOARD OF ARBITRATORS.

The following was presented and read by the clerk:

San Francisco, California, December 15, 1916.

To the City and County of San Francisco, and to the Board of Supervisors thereof, and to the Southern Pacific Company, a corporation.

Gentlemen:

Your Board of Arbitrators, one arbitrator, Mr. Louis Mooser, appointed by Resolution No. 13227 (New Series) adopted by said Board of Supervisors on the 7th of August, 1916, and which said Resolution took effect without the approval of the Mayor of said City and County, in accordance with the provisions of Section 16, Chapter I, Article II of the Charter of the City and County of San Francisco, the other Mr. Hugh M. Webster, appointed by the Southern Pacific Company, and the third, Mr. Frank L. Von Rhein, by said Louis H. Mooser and said Hugh M. Webster, arbitrators as aforesaid, begs leave to report as follows:

That acting under and in accordance with the terms of Resolution No. 12956 (New Series) adopted by the Board of Supervisors on the 22nd day of May, 1916, which said resolution took effect without the approval of the Mayor of the said City and County in accordance with the provisions of Section 16, Chapter I, Article II of the Charter of the City and County of San Francisco, a copy of which resolution, together with a copy of Resolution No. 13227 (New Series) is hereto attached and made a part hereof.

Your Board of Arbitrators met on or about the 20th day of August, 1916, at which meeting it was decided by said Board that a visit be made to South Beach Blocks Nos. 53 and 54, designated as "Market Place" and Potrero Nuevo Block No. 381, designated as "Produce Exchange" for the purpose of arriving at a valuation of said property.

Many meetings were held without your Board agreeing upon a valuation of these properties. It was then suggested that a visit be made to the properties of the Southern Pacific Company at the end of Van Ness avenue and an effort be made to arrive at the valuation of the same.

After repeated visits to the last named lands a number of sessions were held by your Board in an endeavor to agree upon a valuation of the lands embraced in the proposed exchange. Your Board of Arbitrators finally agreed upon a valuation of $818,768.75 for South Beach Blocks Nos. 53 and 54, and Potrero Nuevo Block No. 381, and a valuation of $818,976.31 for the following property, the exterior boundaries of which are as follows:

Commencing at a point of intersection of the northerly line of Beach street with the westerly line of Larkin street; thence westerly along the northerly line of Beach street to a point distant 123 feet easterly from Van Ness avenue; thence at a right angle northerly 137 feet 6 inches; thence at a right angle westerly 123 feet to the easterly line of Van Ness avenue;

thence at a right angle northerly along the easterly line of Van Ness avenue 171 feet 10½ inches to the center line of Jefferson street; thence westerly 62 feet 6 inches; thence at right angles northerly 653 feet 1½ inches to the southerly line of Lewis street; thence easterly along the southerly line of Lewis street 480 feet 10½ inches; thence at a right angle southerly 309 feet 4½ inches; thence at a right angle easterly 446 feet 10½ inches to the westerly line of Larkin street; thence southerly 653 feet 1½ inches to the northerly line of Beach street and the point of commencement, including those portions of Polk street, Jefferson street, Tonquin street and Van Ness avenue embraced therein.

According to the report of the California Pacific Title Insurance Company, issued July 3, 1916, the title to the following property embraced within the boundaries was vested in the Southern Pacific Company on the 15th of June, 1916.

Beginning at the point formed by the intersection of the northerly line of Beach street with the westerly line of Polk street; and running thence westerly along said line of Beach street two hundred and sixty-one (261) feet; thence at a right angle northerly one hundred and thirty-seven (137) feet and six (6) inches; thence at a right angle easterly two hundred and sixty-one (261) feet to the westerly line of Polk street; and thence at a right angle southerly along said line of Polk street one hundred and thirty-seven (137) feet and six (6) inches to the point of beginning.
Being a part of Western Addition Block No. 37.

Beginning at the point of intersection of the center line of Van Ness avenue (extended northerly) with the southerly line of Lewis street, and running thence easterly along said southerly line of Lewis street four hundred and eighty (480) feet and ten and one-half (10½) inches to the center line of Polk street (extended northerly); thence at a right angle southerly along said center line of Polk street one hundred and thirty-seven (137) feet and six (6) inches; thence at a right angle westerly four hundred and eighty (480) feet and ten and one-half (10½) inches to said center line of Van Ness avenue and thence at a right angle northerly along said center line of Van Ness Avenue one hundred and thirty-seven (137) feet and six (6) inches to the point of beginning; being the north half of Western Addition Block No. 35 and portions of Van Ness avenue and Polk street extended northerly.

Beginning at the point formed by the intersection of the westerly line of Polk street, extended northerly, with the center line of Jefferson street, extended easterly; and running thnce westerly along said center line of Jefferson street one hundred and thirty-seven (137) feet and six (6) inches; thence at a right angle southerly one hundred and seventy-one (171) feet and ten and one-half (10½) inches; thence at a right angle easterly one hundred and thirty-seven (137) feet and six (6) inches to the westerly line of Polk street, extended northerly; and thence northerly along said center line of Polk street one hundred and seventy-one (171) feet and ten and one-half (10½) inches to the point of beginning.

Being part of Western Addition Block No. 37, and part of Jefferson street.

Beginning at the point formed by the intersection of the center line of Van Ness avenue, extended northerly with the center line of Jefferson street extended easterly; and running thence northerly along said center line of Van Ness avenue one hundred and seventy-one (171) feet and ten and one-half (10½) inches; thence at a right angle easterly four hundred and eighty (480) feet and ten and one-half (10½) inches to the center line of Polk street, extended northerly; thence at a right angle southerly along said center line of Polk street one hundred and seventy-on (171) feet and

ten and one-half (10½) inches to said center line of Jefferson street; and thence at a right angle westerly along said center line of Jefferson street four hundred and eighty (480) feet and ten and one-half (10½) inches to the point of beginning.

Being part of Western Addition Block No. 36, and portions of Polk and Jefferson streets, and Van Ness avenue.

Beginning at a point on the northerly line of Beach street, distant thereon two hundred and seventy-five (275) feet westerly from the point formed by the intersection of the northerly line of Beach street with the westerly line of Larkin street; and running thence westerly along said line of Beach street two hundred and six (206) feet and three (3) inches to the westerly line of Polk street (extended northerly); thence at a right angle northerly along said line of Polk street three hundred and nine (309) feet and four and one-half (4½) inches to the center line of Jefferson street; thence at a right angle easterly along said center line of Jefferson street two hundred and six (206) feet and three (3) inches; and thence at a right angle southerly three hundred and nine (309) feet and four and one-half (4½) inches to the point of beginning.

Being part of Western Addition Block No. 33, and part of Beach and Jefferson streets.

On June 14, 1916, the same company reported title vested in the Southern Pacific Company of the following property, also embraced within said exterior boundaries:

Beginning at the corner formed by the intersection of the northerly line of Beach street with the westerly line of Larkin street and running thence northerly along said line of Larkin street three hundred and nine (309) feet and four and one-half (4½) inches to the center line of Jefferson street; thence at a right angle westerly along said center line of Jefferson street two hundred and seventy-five (275) feet; thence at a right angle southerly three hundred and nine (309) feet and four and one-half (4½) inches to the northerly line of Beach street, and thence at a right angle easterly along said line of Beach street two hundred and seventy-five (275) feet to the point of beginning; being part of Western Addition Block No. 33 and Jefferson street.

As to the balance of said property, the Southern Pacific Company has obtained options on the same and is in a position to acquire the fee simple title thereto and convey the same to the City and County of San Francisco.

Your Board of Arbitrators herewith attaches maps showing the properties which the Southern Pacific Company proposes to exchange for the lands of the City mentioned in Resolution No. 12,956 (New Series); also, a map showing the location of the lands belonging to the City in South Beach Blocks Nos. 53 and 54 and Potrero Nuevo Block No. 381.

Respectfully submitted,

(Signed) Louis H. Mooser,
F. L. von Rhein,
Hugh M. Webster.

A joint committee report of the Committees on Land and Tunnels, Finance and Commercial Development, was filed with the Board of Supervisors on February 13, 1917, and the following Resolutions were passed:

Resolution No. 14027 (New Series)—Whereas, the State of California, by an Act of the Legislature entitled "an Act to vacate certain streets, alleys and market places in the City and County of San Francisco and to donate the same and other tide lands belonging to the State of California to said City and County

of San Francisco for commercial purposes and other matters relating thereto," approved March 30, 1872, and acts amendatory thereof and supplemental thereto, granted to the City and County of San Francisco the streets and alleys and also the three blocks originally reserved by the State for market places and known as the Produce Exchange and Market Place, all within the exterior boundaries of the certain salt marsh and tide lands donated by the said State to the Southern Pacific Railroad Company and the Western Pacific Railroad Company for terminal purposes by an Act approved March 30, 1868, said three blocks being otherwise known as South Beach Blocks Nos. 53, 54 and 381; and

Whereas, by an Act of the Legislature, approved March 24, 1903, amending the Act first aforesaid and other Acts amendatory thereof and supplemental thereto, the City and County of San Francisco was authorized to sell said blocks, or either of them, with the intervening streets, to the owners of any transcontinental railroad, or railroad having trasncontinental connections and having its terminus in the City and County of San Francisco, if, in the judgment of this Board, said blocks, or either of them, are necessary for terminal purposes for the use of such railroad; and

Whereas, the Southern Pacific Company, a corporation of the State of Kentucky, is the owner of a railroad having such transcontinental connection and having its terminal in the City and County of San Francisco, and this Board has heretofore determined, and does hereby determine, that said blocks, with the intervening streets, are necessary for terminal purposes for the use of said railroad of said Southern Pacific Company; and

Whereas, the values of all of said blocks and the intervening streets have been duly determined by a board of three arbitrators, duly nominated and appointed pursuant to the Act of the Legislature last aforesaid; and

Whereas, said board of arbitrators has duly determined that all of said South Beach Block No. 54, together with those portions of the intervening streets hereinafter described, are of the fair and reasonable value of $361,073.295; and

Whereas, in the judgment of this Board, the interests of the City and County of San Francisco will be subserved by the sale of said property hereinafter more particularly described for the sum of $392,073.30; Now, therefore,

Be It Resolved, that the Mayor and the Clerk of the Board of Supervisors, be, and they are hereby authorized and directed for and in behalf of the City and County of San Franciscoo, in its name and under its corporate seal, to execute a deed of conveyance of the following described real property and to deliver the same to the Southern Pacific Company upon payment by it to the said City and County of the sum of $392,073.30; said property being particularly described as follows, to wit:—

All that certain real property in the City and County of San Francisco, State of California, particularly described as South Beach Block No. 54, together with the following described portions of the abandoned streets, viz.:

That portion of the southwesterly half of Hudson street between the southeasterly line of Channel street and the center line of Irwin street; all that portion of the northeasterly half of Fifth street lying between the southeasterly line of Channel street and the center line of Irwin street; all of the northwesterly half of Irwin street between the center line of Hudson street and the center line of Fifth street; all of that portion of Hooper street between the southwesterly line of Hudson street and the northeasterly line of Fifth street; except the following:

Beginning at the southerly corner of South Beach Block No. 53, in the said City and County, which is also the point of intersection of the northwesterly line of Hooper street with the northeasterly line of Fifth street; thence northeasterly on and along said northwesterly line of Hooper street, a distance of 181.09957 feet to a point: thence at a right angle southeasterly a distance of 35 feet to a point in the center of said Hooper street; thence at a right angle

southwesterly on and along the center line of said Hooper street, a distance of 181.09957 feet to a point on the northeasterly line of Fifth street produced across said Hooper street; thence at a right angle northwesterly on and along said northeasterly line of Fifth street produced, a distance of 35 feet to the place of beginning, and containing an area of 6338.485 square feet.

Resolution No. 14028 (New Series)—Whereas, the State of California, by an Act of the Legislature entitled "An Act to vacate certain streets, alleys and market places in the City and County of San Francisco and to donate the same and other tide lands belonging to the State of California to said City and County of San Francisco for commercial purposes and other matters relating thereto," approved March 30, 1872, and Acts amendatory thereof and supplemental thereto, granted to the City and County of San Francisco the streets and alleys and also the three blocks originally reserved by the State for market places known as the Produce Exchange and Market Place, all within the exterior boundaries of the certain salt marsh and tide-lands donated by said State to the Southern Pacific Railroad Company and the Western Pacific Railroad Company for terminal purposes by an Act approved March 30, 1868, said three blocks being otherwise known as South Beach Blocks Nos. 53, 54, and 381; and

Whereas, by an act of the Legislature, approved March 24, 1903, amending the Act first aforesaid, and other acts amendatory thereof and suppplemental thereto, the City and County of San Francisco was authorized to sell said blocks, or either of them, with the intervening streets, to the owners of any transcontinental railroad, or railroad having transcontinental connections in said city, if, in the judgment of this Board, said blocks or either of them are necessary for terminal purposes for the use of such railroad; and this Board was likewise so empowered to exchange said blocks, or either of them, for other property of equivalent value owned by the owners of such railroad; and

Whereas, the Southern Pacific Company, a corporatoin of the State of Kentucky, is the owner of a railroad having such transcontinental connections and having its terminus in the City and County of San Francisco, and this Board has heretofore determined, and does hereby determine, that said blocks, with the intervening streets, are necessary for terminal purposes for the use of said railroad of said Southern Pacific Company; and

Whereas, the value of all of said blocks and the intervening streets have been duly determined by a board of three arbitrators, duly nominated and appointed pursuant to the Act of the Legislature last aforesaid, and such arbitrators have likewise duly determined the value of the other property hereinafter described, owned by said Southern Pacific Company; and

Whereas, said board of arbitrators has duly determined that all of said blocks known as South Beach Blocks Nos. 53 and 381, together with those portions of the intervening streets hereinafter described, are of the fair and reasonable value of $457,695.455 and that the fair and reasonable value of the properties of said Southern Pacific Company hereinafter described is likewise said sum of $457,695.455; and

Whereas, in the judgment of this Board, the interests of the City and County of San Francisco will be subserved by an exchange of said properties:

Now therefore, be it resolved, that the properties of the City hereinafter described be exchanged for the properties of said Southern Pacific Company hereinafter described, viz:

CITY PROPERTY.

All of that certain real property in the City and County of San Francisco, State of California, particularly described as (1) all of South Beach Block No. 381, together with the following described portions of the abandoned streets bounding the same, to wit:

All of that portion of the southerly half of Alameda street lying between the center lines of Minnesota and Tennessee streets; all of that portion of the

northerly half of Eldorado street lying between the center lines of Minnesota and Tennessee streets; all of that portion of the westerly half of Tennessee street lying between center lines of Alameda and Eldorado streets; all of that portion of the easterly half of Minnesota street lying between the center lines of Alameda and Eldorado streets; and (2) all of the South Beach Block No. 53, together with that part of the adjacent half of the abandoned Hooper street particularly described as follows, to wit:

Beginning at the southerly corner of South Beach Block Number 53, in said City and County, which is also the point of intersection of the northwesterly line of Hooper street with the northeasterly line of Fifth street; thence northeasterly on and along said northwesterly line of Hooper street, a distance of 181.09957 feet to a point; thence at a right angle southeasterly a distance of 35 feet to a point in the center of said Hooper street; thence at a right angle southwesterly on and along the center line of said Hooper street, a distance of 181.09957 feet to a point on the northeasterly line of Fifth street produced across said Hooper street; thence at a right angle northwesterly on and along said northeasterly line of Fifth street produced, a distance of 35 feet to the place of beginning, and containing an area of 6338.485 square feet.

PROPERTY OF THE SOUTHERN PACIFIC COMPANY.

All that certain real property in the City and County of San Francisco, State of California, particularly described as follows, to wit:

Beginning at the point formed by the intersection of the northerly line of Beach street with the westerly line of Polk street; and running thence westerly along said line of Beach street two hundred and sixty one (261) feet; thence at a right angle northerly one hundred and thirty-seven (137) feet and six (6) inches; thence at a right angle easterly two hundred and sixty-one (261) feet to the westerly line of Polk street; and thence at a right angle southerly along said line of Polk street one hundred and thirty-seven feet and six (6) inches to the point of beginning, being part of Western Addition Block No. 37.

Beginning at the corner formed by the intersection of the northerly line of Beach street with the westerly line of Larkin street and running thence northerly along said line of Larkin street three hundred and nine (309) feet and four and one-half (4½) inches to the center line of Jefferson street; thence at a right angle westerly along said center line of Jefferson street two hundred and seventy-five (275) feet; thence at a right angle southerly three hundred and nine (309) feet and four and one-half (4½) inches to the northerly line of Beach street and thence at a right angle easterly along said line of Beach street two hundred and seventy-five (275) feet to the point of beginning, being part of Western Addition Block No. 33 and Jefferson street.

Beginning at the point of intersection of the center line of Van Ness avenue (extended northerly) with the southerly line of Lewis street; and running thence easterly along said southerly line of Lewis street four hundred and eighty (480) feet and ten and one-half (10½) inches to the center line of Polk street (extended northerly); thence at a right angle southerly along said center line of Polk street one hundred and thirty-seven (137) feet and six (6) inches; thence at a right angle westerly four hundred and eighty (480) feet and ten and one-half (10½) inches to said center line of Van Ness avenue and thence at a right angle northerly along said center line of Van Ness avenue one hundred and thirty-seven (137) feet and six (6) inches to the point of beginning: being the north half of Western Addition Block No. 35 and portions of Van Ness avenue and Polk street extended northerly.

Beginning at the point formed by the intersection of the westerly line of Polk street, extended northerly, with the center line of Jefferson street, extended easterly; and running thence westerly along said center line of Jefferson street one hundred and thirty-seven (137) feet and six (6) inches; thence at a

right angle southerly one hundred and seventy-one (171) feet and ten and one-half (10½) inches; thence at a right angle easterly one hundred and thirty-seven (137) feet and six (6) inches to the westerly line of Polk street, extended northerly; and thence northerly along said westerly line of Polk street one hundred and seventy-one (171) feet and ten and one-half (10½) inches to the point of beginning, being part of Western Addition Block No. 37, and part of Jefferson street.

Beginning at the point formed by the intersection of the center line of Van Ness avenue, extended northerly, with the center line of Jefferson street, extended easterly; and running thence northerly along said center line of Van Ness avenue one hundred and seventy-one (171) feet and ten and one-half (10½) inches; thence at a right angle easterly four hundred and eighty (480) feet and ten and one-half (10½) inches to the center line of Polk street, extended northerly; thence at a right angle southerly along said center line of Polk street one hundred and seventy-one (171) feet and ten and one-half (10½) inches to said center line of Jefferson street; and thence at a right angle westerly along said center line of Jefferson street four hundred and eighty (480) feet and ten and one-half (10½) inches to the point of beginning, being part of Western Addition Block No. 36, and portions of Polk and Jefferson streets and Van Ness avenue.

Beginning at a point on the northerly line of Beach street, distant thereon two hundred and seventy-five (275) feet westerly from the point formed by the intersection of the northerly line of Beach street with the westerly line of Larkin street; and running thence westerly along said line of Beach street two hundred and six (206) feet and three (3) inches to the westerly line of Polk street, extended northerly; thence at a right angle northerly along said line of Polk street three hundred and nine (309) feet and four and one-half (4½) inches to the center line of Jefferson street; thence at a right angle easterly along said center line of Jefferson street two hundred and six (206) feet and three (3) inches; and thence at a right angle southerly three hundred and nine (309) feet and four and one-half (4½) inches to the point of beginning, being part of Western Addition Block No. 33, and part of Polk and Jefferson streets.

Resolved further, that the Mayor and the Clerk of the Board of Supervisors are hereby authorized, empowered and directed, for and on behalf of the City and County of San Francisco, in its name and under its corporate seal, to execute a deed of conveyance of the properties of the City hereinbefore described and to deliver the same to the Southern Pacific Company in exchange for its conveyance of its properties hereinabove described, in fee simple, absolute, free and clear from encumbrances, to the City and County of San Francisco.

An action, numbered 8064, was instituted in the Superior Court by Wm. Miller vs. James Rolph, Jr., as Mayor of the City and County of San Francisco, et al., on the 12th day of March, 1917, for an injunction restraining and enjoining the defendants from making, signing, executing or delivering any deed transferring the interest of the City and County in and to South Beach Blocks Nos. 53 and 54 to the Southern Pacific Company.

The action was defended by the City Attorney, and on March 31, 1917, Judge J. M. Seawell rendered an opinion, in substance:

"That there was no pretense that the proceedings of the Board of Supervisors did not comply with the Act of 1903, and if that be constitutional it follows that the Board of Supervisors have a perfect legal right to do what they propose to do; and for reasons given, the order to show cause was discharged and the demurrer sustained.

Deeds to the lands vested in the Southern Pacific Company and those owned by the City and County of San Francisco and more specifically described therein, were exchanged and recorded in the office of the County Recorder, in Liber of Deeds Nos. 1036, page 212, Sept. 8, 1917; No. 1012, page 394, Sept.

8, 1917; No. 1037, page 139, Sept. 8, 1917, and No. 1034, page 147, Sept. 8, 1917.

The sum of $392,073.30 in cash was also paid by the Southern Pacific Company to the City and County of San Francisco as an amount in difference of the value of the lands exchanged, and the said sum was deposited in the treasury of the City and County.

Summary of Municipal Events

The following events of public interest took place during the year.

Dedication of Academy of Sciences—Located in Golden Gate Park, occurred on September 22, 1916. The event was recorded in the Municipal Record for this year at page 297.

Naval Base—Various conferences and investigations to determine the availability of Hunters Point as a site for a United States naval base were held during the latter part of 1916. A report on this subject was published in the Municipal Record Jan. 18, 1917, at page 29.

Charter Amendments—A number of charter amendments were voted on at an election held on November 7, 1916. The result was published in the Municipal Record, Nov. 9, page 353.

Auditorium Organ—The public dedication of this wonderful musical instrument occurred on Sunday, April 8, 1917. A description of the organ was published in the Municipal Record of April 12, page 117.

Skyline Boulevard—A movement to construct a highway along the crest of the Santa Cruz mountains, southerly from San Francisco, was inaugurated early in 1917. A preliminary report of the project was published in the Municipal Record June 7, 1917, page 192.

Twin Peaks Tunnel—This project was completed in July, 1917, and the event was celebrated by a gathering at the westerly portal on July 15.